

WELLINGTON COLLEGE



Course Selection Guide 2010

Years 10 and 11



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Who To See For More Information

General Enquiries

- | | |
|--|----------------|
| • Curriculum including <i>The New Zealand Curriculum</i> | Mr G Fountain |
| • Careers' Adviser | Mr E Rosenthal |
| • Guidance Counsellor | Dr S Slater |
| • International Student Dean | Mrs D Smithson |
| • National Qualifications | Mr G Fountain |
| • Year 9 Dean | Mr G Mance |
| • Year 10 Dean | Mr R Corliss |
| • Year 11 Dean | Mr S Lyster |
| • Career Planning and Employment | Mr E Rosenthal |

Heads of Department

- | | |
|---|------------------|
| • Accounting | Ms Z Sinclair |
| • Art and Art History | Mr T Costeloe |
| • Biology | Mr S Hann |
| • Chemistry | Ms L Tanner |
| • Commerce and Economics | Mr H Bell |
| • English | Mr D Everett |
| • English For Speakers of Other Languages | Mrs D Smithson |
| • French, German | Mr J Vercauteren |
| • Geography and Social Studies | Mr C Blacklock |
| • Graphics and Technology | Mr K White |
| • History | Mr A Savage |
| • Latin, Chinese, Japanese, Spanish | Mr K Tattersall |
| • Māori | Mr M Bradley |
| • Mathematics | Mr I Clark |
| • Music | Ms K Macfarlane |
| • Physics | Dr H Abu-Shanab |
| • Physical Education, Health | Mr C Wells |
| • Science | Mr S Hann |



Introduction – Year 10 and Year 11

The purpose of this booklet is to give an overview of the compulsory part of the Year 10 and Year 11 programme and provide information about the option subjects so that an informed decision can be made about choices leading to NCEA Level 1 and beyond. When choosing options, consideration needs to be given to possible employment interest, polytechnic or university intentions and the motivation that can be achieved through a student studying a course in which he is interested.

Year 10 Programme

Students in Year 10 are provided with an overall grounding in academic work. This means, regardless of option choices, at the end of next year, almost all subjects and almost any career path are open to all students.

It is important to bear in mind that dropping a subject now may mean it cannot be picked up again later. This applies to most languages. Refer to the Planning Guide at the centre of this booklet for details of the prerequisites for courses in subsequent years.

In 2010, implementation of *The New Zealand Curriculum* will affect the courses offered and the options that are available in the Year 10 programme. All students will study English, Mathematics, Science, Social Studies, Health and Physical Education plus Technology and have a choice of 3 option subjects. **In their choices, students will need to select at least one language, and at least one arts subject.** Use this booklet, including the course planning guide at the centre, but also have discussions with key staff listed on page 3, to enable a planned decision for the course of study selected. Then complete the Year 10 Course Selection for 2010 provided on page 58, where the options are indicated.

Year 11 Programme

All Year 11 students will have a programme of six subjects ie English, Mathematics, Science and three option subjects (see Course Selection for Year 11 in 2010 on page 60). Physical Education is also offered as a full option subject for Year 11 for NCEA Level 1, leading on to NCEA Level 2 in Year 12 and Level 3 in Year 13.

There are alternative courses in English, Mathematics and Science, that contribute towards NCEA qualifications. Students selected for these courses will be advised by the HOD of English/Mathematics/Science or the Dean.

Entry to Study of Year 12 Subjects

To continue a subject at Year 12, a student requires 15 credits in the subject at level 1, PLUS any prerequisites specified by the subject Head of Department.

To begin a new subject at Year 12, a student requires 75 credits (in any subjects) at level 1, PLUS any prerequisites specified by the subject Head of Department.

Prerequisites may include:

- a specific standard required for entry into the Year 12 course
- a specific level of achievement (eg Merit) required in a nominated standard.

Note: Where special circumstances exist, a student may be admitted to a Year 12 course at the discretion of the Head of Department.



National Certificates of Educational Achievement (NCEAs)

There are three NCEA qualifications within the National Qualifications Framework (NQF). The NCEAs are at the first three levels of the ten levels on the NQF. Students usually prepare for NCEA Level 1 in Year 11, Level 2 in Year 12 and Level 3 in Year 13. Some credits for the NCEAs are gained by internal assessment within the school, while in most subjects, other credits are gained by external assessment in November/December.

To be awarded NCEA Level 1, students must achieve 80 credits at level 1 or above. Included in this total, at least 8 credits are needed in literacy and 8 credits in numeracy from selected standards. See <http://www.nzqa.govt.nz/ncea/acrp/secondary/7/71.html#literacy>

To be awarded NCEA Level 2, students must achieve 80 credits, 60 of which must be at level 2 or above. The other 20 credits can be from any level on the NQF. There are no literacy or numeracy requirements for this qualification.

To be awarded NCEA Level 3, students must achieve 80 credits, 60 of which must be at level 3 or above. The other 20 credits can be at level 2 or above. There are no literacy or numeracy requirements for this qualification.

Certificate Endorsement (first introduced in 2007). To qualify for an endorsement with Excellence, students require 50 credits at Excellence. An endorsement with Merit, requires 50 credits at Merit (or Merit and Excellence).

University Entrance Requirements

1. A minimum of 42 credits at level 3 or higher on the NQF, including a minimum of 14 credits at level 3 or higher in each of two subjects from an approved subject list, with a further 14 credits at level 3 or higher taken from no more than two additional domains on the NQF or approved subjects.

See <http://www.nzqa.govt.nz/ncea/acrp/secondary/docs/approved-subjects.doc>

2. A minimum of 14 credits at level 1 or higher in Mathematics or Pangarau on the NQF.

3. A minimum of 8 credits at level 2 or higher in English or Te Reo Māori; 4 credits must be in Reading and 4 credits must be in Writing.

See <http://www.nzqa.govt.nz/ncea/for-students/ue/litreqs.html>

Entries and Fees for National Qualifications

Entries are finalised in July each year. Entry fees set by NZQA in 2009 were:

National Qualifications Framework (NQF) including NCEA	Any NQF standards	Each NZ Scholarship subject
New Zealand Domestic Students	\$75	\$75 (for over 3 subjects)
International Fee Paying (IFP) Students	\$375	\$100 per subject

School Assessment and Reporting

Heads of Department and teachers in each subject will provide students with a course outline and assessment procedures at the start of the year. These will vary from subject to subject. For Year 10, major common assessments are held throughout the year and there is a formal set of examinations during Term 4. Reports are issued at the beginning of Term 2 and at the end of the year. In Year 11, school examinations are held around week 9 of Term 3 in preparation for the national external examinations in November. Year 11 students have an interim report



issued at the end of Term 1. A full report is produced in early Term 3, while a summary of internal standards and progress on external standards is issued early in Term 4. It is school policy that work handed in late will not be accepted for assessments (see details below). Self-interest leave or leave for sports trips must be discussed with the Dean, prior to the absence.

Wellington College Assessment Procedures 2010

Students are given information about the standards offered and the assessment procedures at the beginning of each course. This will include the criteria and assessment methods to be used, the frequency of such assessments and procedures to be followed if further assessment opportunities are available.

Attendance

Students are expected to attend class on a regular basis as set out in the school policy on attendance.

Breaches of the Rules

All work submitted for assessment purposes must be a student's own work. For long term assessments, working drafts may need to be submitted. Where evidence indicates that work presented for internal assessment is not an individual's own work, no credit will be awarded.

Breaches of the rules include plagiarism, impersonation, false declarations of authenticity, cheating and all forms of collusion in tests and exams. Should a possible breach of the rules occur, the appropriate HOD will consult with Mr Anderson, who will be the final arbiter.

Verifying Grades

Students will be required to acknowledge the grades that they have been awarded, by signing the result slip attached to each piece of internally assessed work. Students will also be required to verify the final grades awarded that are submitted to NZQA.

Appeals

Appeals of grades awarded are to be made within five school days, once assessed work is returned and gone over by the teacher. If a student disagrees with the final grade awarded, an 'Appeal Application Form' is to be completed by the student and handed to the appropriate HOD to process. Mr Anderson may be involved in the decision if needed. The decision made on the Appeal by the HOD/Mr Anderson will be final. Forms are available on eColl.

Late Work/Absence from Assessment

Late work or absence from an assessment will result in no credit being awarded for that standard. However, if circumstances causing lateness/absence have been discussed with the appropriate HOD, are deemed legitimate, and supported by a doctor's certificate in a case of illness, the following outcomes may be possible:

- provide a specified time extension to submit work for assessment (eg an assignment)
- schedule the assessment at another agreed time
- provide a further assessment opportunity
- use relevant standard-specific evidence to award a grade
- no credit awarded.

Assessment Opportunities

There will one assessment opportunity for internal standards unless an opportunity for further assessment occurs naturally within the learning programme. A range of strategies suited to the subject area will be used to collect further evidence of student achievement whenever it is practical to do so.

Compassionate Consideration



If circumstances are such that a student believes that he has a case for compassionate assessment for an externally assessed achievement standard, application supported by documented evidence must be made in writing by the student using the appropriate NZQA forms and submitted to Mr Anderson. Compassionate assessment grades related to an absence from an external assessment must be based on evidence related to the standard for which the compassionate assessment is being sought. If students have failed to attend common examinations or tests or failed to complete other assessments relevant to that standard, the school will have no evidence to supply to NZQA and therefore allocation of a grade via a compassionate assessment will not be possible. **There is no compassionate consideration for NZ Scholarship.**

Special Assessment Conditions

Assistance is available for students who need special assessment conditions for internal and external assessment and have been identified as meeting required criteria. For any matters concerning special assessment conditions, the contact person is Ms G Thomas.

Retention of Student Work

All internal assessment material will be retained by the department until it is no longer required for moderation purposes.

Student Obligations

1. Ensure you understand the assessment programme, policy and procedures.
2. Ensure you understand the requirements of each assessment being completed.
3. Check thoroughly the accuracy of the assessment by teachers when work is returned and verify your grade in writing within 5 school days once work is returned.
4. Discuss problems/concerns with the teacher/HOD.

From the Careers' Adviser

Students in Year 11 take English, Mathematics, Science and three option subjects.

It is a good idea for students who have done well in their Year 9 or 10 subjects to continue with these. This is particularly true of the languages as it will give them more subject choices in Years 12 and 13 when they can continue, but not pick up a new language.

Students may wish to consider their personal learning styles when making subject choices. Some subjects require a significant amount of content to be absorbed as in the case of languages. Others emphasise processing skills where information is sorted and summarised.

Students can pick up Biology, Physics or Chemistry but these subjects are part of full Science which all students take and it is **not** necessary to pick them up in Year 11 in order to study them at Year 12.

Students are strongly advised to keep their subjects as broad as possible. They do not need to specialise until Year 12. They should consider picking up Geography, History or Economics which provide some perspective on the "global village" that we live in.

The Careers' room in the Student Services building, 2nd level, is open to students at all times and has extensive information outlining subjects required for all Polytechnic, University and Trade courses. Very comprehensive career information can be found on the internet at www.careers.govt.nz. Students may also make an appointment with the Careers' Adviser to use the programme "Career Voyager" and/ or "Career Quest" which is intended for students who really have no idea about what they want to do. It produces a bar graph showing preferences as well as a list of job suggestions.



Mr. E. Rosenthal - Careers' Adviser

Very detailed career information can be found on the internet at the following sites:

www.careers.govt.nz	job information on all jobs/careers/training requirements
www.worksite.govt.nz	a most comprehensive site
www.careerstorm.com	free career assessment
www.coolcareers.com	free information and advice
www.job-interview.net	information related to job interviews
www.assessment.com	free one-off assessment
www.auckland.ac.nz/careers	a useful career site developed by Auckland University
www.skillnz.govt.nz	loans and allowances, training vacancies
http://wetfeet.com/asp/home.asp	industries, companies, CVs, interviews
www.aut.ac.nz	Auckland University of Technology
www.auckland.ac.nz	Auckland University
www.massey.ac.nz	Massey University (Albany, Palmerston Nth and Wgtn)
www.waikato.ac.nz	Waikato University (Hamilton)
www.vuw.ac.nz	Victoria University (Wellington)
www.canterbury.ac.nz	Canterbury University (Christchurch)
www.lincoln.ac.nz	Lincoln University (20 minutes from Christchurch)
www.otago.ac.nz	Otago University (Dunedin)
www.weltec.ac.nz	Wellington Institute of Technology
www.army.mil.nz	NZ Army
www.navy.mil.nz	NZ Navy
www.airforce.mil.nz	NZ Air Force
www.detya.gov.au	Australia tertiary
www.globalcomputing.com/university.htm	USA tertiary
www.britishcouncil.org.nz	British tertiary
www.braintrack.com	World Education Index
www.medical-entrance.com	prep clinic for UMAT test and medical interview
www.embark.com	USA tertiary
www.police.govt.nz	NZ Police
www.ipenz.org.nz/ipenz/careersed	Engineering careers
www.acenz.org.nz/trainingframe.htm	Engineering careers
www.studylink.govt.nz	Student loans and allowances
www.futureintech.org.nz	Careers in Technology, Engineering and Science
www.goabroad.com	Work and education opportunities overseas
www.labourmarket.co.nz	Links and opportunities to employers, occupations
www.fullbright.org.nz	Education and scholarships in the USA
www.studyabroad.com	Overseas study



Compulsory Subjects

(outlined on pages 10 to 19)

Option Subjects

(outlined on pages 20 to 57)

When making selections, check and then complete the Course Selection Forms

- Year 10 on page 58
- Year 11 on page 60



What Will I Study?

A range of material from novels, poetry, films and short stories through to language examples from daily life will be studied. Students are expected to write, speak, perform and to produce media work.

What Skills Will I Learn?

New skills will include the techniques required to respond to books as literature; to analyse in greater depth than in previous years. "Performance" skills in speech and drama will be taught. Interpretation and use of visual images will be covered and creative writing will be encouraged.

What Do I Need To Have Already Studied?

The course flows from the material studied in Year 9, but a greater level of sophistication is developed. We have provision for a wide range of entry ability, and extra assistance is available where necessary.

Where Does This Subject Lead?

The course prepares students so that they are, by the end-of-the year, ready for the demands of NCEA L1 in Year 11. Ultimately, of course, English provides the writing and reading skills needed for every area of day-to-day experience.

How Is This Subject Assessed?

Reporting conveys a detailed description of the skills possessed by each student, related to the revised *English in the New Zealand Curriculum*, 2010.

Other Details

Where possible, visiting performers are welcomed to the school to encourage students' perception of the wide uses of language. Such trips are a cost in addition to any other fees. Parents are notified as such events arise and may elect the option of non-attendance for their son/s.



What Will I Study?

This course is based on the achievement objectives in *English in the New Zealand Curriculum*. Assessment is based on standards at NCEA Level 1.

Where Does This Subject Lead?

The Year 11 English course prepares students for the increasingly complex demands of the NCEA L2 course in Y12. In addition, some students will find personal strengths or interests which lead them to consider specialist Y12 courses in Drama or Media Studies.

Assessment:

The following standards will be offered and assessed:

Registered Number	Standard Title	Credits	Assessment Mode
90052 v3 (1.1)	Produce creative writing	3	Internal
90053 v3 (1.2)	Produce formal writing	3	External
90054 v3 (1.3)	Read, study and show understanding of extended written text(s)	2	External
90055 v3 (1.4)	Read, study and show understanding of a number of short written texts	2	External
90056 v3 (1.5)	View/listen to, study and show understanding of a visual or oral text(s)	2	External
90057 v3 1.6	Read and show understanding of unfamiliar texts	3	External
90058 v3 (1.7)	Deliver an oral presentation in a formal situation	3	Internal
90059 v3 (1.8)	Produce a media or dramatic presentation	3	Internal
12905 v3	Read an inclusive variety of written texts and record the reading experience	4	Internal

Qualification: Credits towards NCEA Level 1.

English Skills Course**Year 11**

This is an alternative English course for students who will have difficulty coping with the demands of the full NCEA L1 course. Students will be selected for this course based on their skill levels demonstrated in Year 10. It combines some L1 achievement standards and some unit standards. Both earn credits towards the NCEA qualification. The class will be smaller than other Year 11 classes. It will lead to a transition class in 2011, where assessment will be from a combination of level one and level two achievement standards.



What Will I Study?

Year 9 and Year 10 courses teach the basic concepts of Mathematics. There is an emphasis on maintenance and development of skills. These courses provide the groundwork for further study in Mathematics at senior levels, and develop skills to aid in the analysis and solution of mathematical problems met in everyday life.

What Skills Will I Learn?

Arithmetic, algebraic skills and problem solving will be maintained and developed. Geometry, measurement, and statistics will be studied, and trigonometry will be seen for the first time.

Two NCEA Level 1 achievement standards, Measurement 90149 v2 (1.3), (3 credits) and Practical Geometry 90150 v2 (1.4), (2 credits), are offered in Year 10.

What Do I Need To Have Already Studied?

Year 9 Mathematics.

Where Does This Subject Lead?

A Year 11 course in either NCEA Level 1 Mathematics or Mathematics Applied I. NCEA Level 1 is designed as a three-year course beginning at Year 9 level, hence there is continuity and overlap between this and the Year 10 course.

Mathematics Applied I is a course designed to help a small number of students who need to practise and improve their basic arithmetic and algebraic skills.

How Is This Subject Assessed?

A first term and an end-of-year common test, combined with class tests, assignments and projects as well as internal assessments for specific standards will form the assessment base for the Year 10 course.

Assessment will include content knowledge, manipulation skills, application of skills learnt, homework, attitude and classroom performance.

Other Details

Standard mathematical equipment includes a ruler, protractor and compass.

A scientific calculator is also required.

Students who have performed well at Year 9 Mathematics may be given the opportunity during Year 10 to attempt NCEA Level 1 Mathematics.



Mathematics

Year 11

The NCEA Level 1 course follows naturally from Year 9 and Year 10 Mathematics, sharing considerable overlap with the Year 10 course. The Year 11 course is viewed as both a revision and maintenance of skills learned to date, with an extension of selected material and several new topics being introduced for the first time. Various enrichment exercises are possible within this course for the more able student.

The following standards will be offered and assessed:

Registered Number	Standard Title	Credit Value	Assessment Mode
90147 v3 (1.1)	Use straightforward algebraic methods and solve equations	4	External
90148 v3 (1.2)	Sketch and interpret graphs	3	External
90193 v2 (1.5)	Use statistical methods and information	3	Internal
90194 v2 (1.6)	Determine probabilities	2	External
90151 v2 (1.7)	Solve straightforward number problems in context	3	External
90152 v2 (1.8)	Solve right-angled triangle problems	2	External
90153 v2 (1.9)	Use geometric reasoning to solve problems	2	External
90288 v2 (2.5)	Select a sample and use this to make an inference about the population	3	Internal

The following standard is offered (optional), with instruction and assessment being outside of class time.

90149 v2 (1.3)	Solve problems involving measurement of everyday objects	3	Internal
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Qualification: Credits towards NCEA Level 1.

Mathematics Applied I

Year 11

This is an alternative Mathematics course for students who will have difficulty coping with the demands of the full NCEA L1 course.

The course offers students the opportunity to consolidate basic skills and provides them with the chance to improve their mathematical confidence. This course is an important stepping stone towards success in NCEA L1 in the following year.

The course will be assessed against unit standards, leading to credits for NCEA L1. The more complex and abstract topics needed only for work in Mathematics at a higher level have been replaced by numerical skills and practical applications. An objective is that all students will gain their minimum numeracy requirement.

Year 10 students who would benefit from this course will be invited to complete the Mathematics Applied course during their third year at the College, as a preparation for NCEA Level 1 in their fourth year.

Qualification: Students who successfully complete the course obtain a high number of credits towards NCEA Level 1.



What Will I Study?

Eight topics each of about 4 weeks duration:

- Metallic World
- The Body
- Sustainable Earth
- Communities
- The Earth Moved
- Patterns of Inheritance
- Force, Motion and Machines

What Skills Will I Learn?

Use and application of Scientific Knowledge; Focussing and Planning; Interpretation of Data; Communication; scientific use of laboratory equipment; gathering information and science report writing.

What Do I Need To Have Already Studied?

Year 9 Science

Where Does This Subject Lead?

- (a) Year 11 Science - ie gaining credits towards NCEA L1.
- (b) Biology, Chemistry or Physics as a sixth subject for NCEA L1.

How Is This Subject Assessed?

A formal test will be held at the end of each topic. Practical skills will be assessed on an ongoing basis. There will be a Term 1 common test and an end-of-year common test.

Other Details

Trips may be made to the: Carter Observatory, Planetarium, Zoo, Te Papa, VUW Open Day at the discretion of your teacher.



What Will I Study?

This course has six units:

- Genetics
- Going Places: force and motion
- The acid test: acid-base reactions
- Iron ions: metals, atomic structure
- Electricity
- Microorganisms – how humans use and are affected by microorganisms
- Beyond Planet Earth: spatial relationships in astronomy.

What Skills Will I Learn?

Ability to:

- plan practical scientific investigations
- process and interpret scientific information
- communicate scientific information
- gather and report scientific information
- use scientific knowledge and understanding to describe/explain scientific phenomena; apply scientific knowledge and understanding in a variety of contexts.

Where Does This Subject Lead?

This course provides a sound foundation for students who plan to take separate science subjects in Year 12.

How Is This Subject Assessed?

The following standards will be offered and assessed, with 21 credits possible:

Registered Number	Standard Title	Credits	Assessment Mode
90186 v3 (1.1)	Carrying out a practical science investigation with direction	4	Internal
90188 v2 (1.3)	Describe aspects of Biology	5	External
90189 v2 (1.4)	Describe aspects of Chemistry	5	External
90191 v2 (1.6)	Describe aspects of Physics	5	External
90192 v2 (1.7)	Describe aspects of Astronomy	2	External

Qualification: Credits towards NCEA Level 1.



Introduction

Applied Science is for students who are in Year 11 but who have not demonstrated an ability to perform at Level 5 of the National Curriculum in Science. (Level 5 work is covered in Years 9 and 10).

What Skills Will I learn?

The programme provides students with opportunities to:

- acquire a body of basic scientific knowledge and an understanding of some important scientific ideas
- develop basic experimental and investigative abilities
- recognise the difference between scientific and non-scientific ideas and explanations
- develop a basic understanding of some of the important technological and environmental applications of science and of the economic, ethical and social implications of these.

Assessment

Students will be assessed against standards using formal tests. The standards will be as follows:

Registered Number	Standard Title	Credits	Assessment Mode
18983 v2	Apply basic forensic science to a scenario	2	Internal
18970 v1	Demonstrate knowledge of adaptations and relationships in a biological community	2	Internal
18975 v1	Demonstrate knowledge of science in sport	2	Internal
18973 v2	Demonstrate knowledge of matter	2	Internal
18977 v1	Demonstrate knowledge of the generation and use of electricity	2	Internal
18971 v1	Demonstrate knowledge of cells, reproduction and inheritance	2	Internal
18986 v2	Select and use basic scientific equipment (internal exam)	2	Internal
18988 v2	Interpret information presented in tables, diagrams and graphs to answer given questions (internal exam)	2	Internal
18989 v2	Demonstrate knowledge of Earth and space	2	Internal
18974 v1	Demonstrate knowledge of chemical change	2	Internal

Qualification: 20 level 1 credits towards NCEA Level 1.



What Topics Will I Study?

The Year 10 topics are:

- New Zealanders at War (Gallipoli and Vietnam case studies)
- Changing World of Work
- Global Study of Racism (Chinese in NZ and the Holocaust case studies)
- Issues in Sport
- Use and Abuse of Water
- Current Events will also be studied throughout the year.

What Skills Will I Learn?

You will learn valuing, communication, research, presentation, interpretation and reasoning skills. There is also a strong emphasis on mapping and graphing skills, as well as national and international current affairs.

What Do I Need To Have Already Studied?

You will have already studied Social Studies in Year 9. Year 10 Social Studies builds on what you have studied in Year 9.

Where Does This Subject Lead?

Social Studies enables students to participate in a changing society as informed, confident and responsible citizens. Students will achieve this aim by developing a knowledge and understanding of human society.

Social Studies also provides a skills and knowledge base that leads on to a number of subjects such as Geography, History and Economics.

How Is This Subject Assessed?

There will be assessments on both Social Studies skills and knowledge throughout the year. There will also be formal examinations at the end of Term 1 and at the end of Term 4.

Other Details

There will be a cost of approximately \$8.00 for Newspapers in Education to facilitate the study of current events. Minimal charges will also be incurred to meet the costs of any class field trips throughout the year.



All Year 10 students will be involved in a combined Health and Physical Education programme which utilises 3 periods per the 6-day cycle.

The aim of the course is to provide students with the skills, knowledge and attitudes which will allow them to become lifelong learners who are confident, creative, connected and actively involved. The programme will help produce the vision for Health and Physical Education by developing the key competencies outlined in The Zealand Curriculum:

- Thinking
- Using language/symbols/text
- Managing self
- Relating to others
- Participating and contributing.

There are 4 key groups of Achievement Objectives which are developed within the Health and Physical Education curriculum:

- Personal and Physical Development
- Movement Concepts and Motor Skills
- Relationships With Other People
- Healthy Communities and Environments.

These are developed using a range of different activities covered both in the classroom, but more often in the Gymnasium or outside environment, as outlined below:

- Invasion Games
- Net Games
- Drug Education
- Athletics
- Fitness Principles and Development
- Adventure-based Learning
- Relationships/Sexuality Education
- Water Safety
- Foreign Games
- Personal Well-being.

At the conclusion of this course, in association with the Year 9 programme from the previous year, students will be in a strong position to consider carrying on their interest in Physical Education through years 11 to 13 as part of the academic programme, including the opportunity to sit NZ Scholarship in Physical Education.



All Year 10 students will be involved in the Technology programme which utilises 3 periods per the 6-day cycle.

What Will I Study?

Technology is intervention by design: the use of practical and intellectual resources to develop products and systems that expand human possibilities by addressing needs and realising opportunities. Innovation is at the heart of technology practice. Quality outcomes result from creative thinking and practices that are informed, critical and creative.

What Will I Learn?

Technology is never static. It is influenced by, and in turn impacts on the cultural, ethical, environmental, political and economic conditions of the day. The aim is for students to develop a broad technological literacy that will equip them to participate in society. They learn practical skills as they work with real clients to develop models, products and systems. Technological areas include materials, control, information and communication, structural.

Prerequisites

The course flows on from the material studied in Year 9, but a greater level of technological literacy is explored. We have the provision for a wide range of ability.

Where Does The Subject Lead?

The course prepares students so that they are, by the end of the year, ready for the demands of NCEA L1 for **Technology** and/or **Graphics**. Technology makes enterprising use of its own particular knowledge and skills, together with those of other disciplines. Graphics is the visual representation.

How Is It Assessed?

Reporting is based around the three strands:

- Technology Practice
- Technology Knowledge
- Nature of Technology

Other Details

Due to the explorative and problem-solving nature of Technology, each student will be required to meet the cost of his own practical materials and stationery. At Year 10, there is an endeavour to limit the cost for materials to \$30.

OPTION SUBJECTS

The following pages 20 to 57 outline the details of the **OPTION SUBJECTS** available at Years 10 and 11. The **Course Selection Form for Year 10** is on page 58 and that for **Year 11** is on page 60.



Introduction

Accounting knowledge is required across many different sectors of society and in a wide variety of different jobs. Accounting at college is not just about learning how to become an accountant, as all students will come across financial reports during their lives. These may involve running their own business, working in a business or owning shares in a publicly listed company.

Prerequisites

There are no prerequisites for this course of study.

Course Content

This course covers the accounting processes and records for individuals and households, community organisations and sole proprietor businesses. On the satisfactory completion of this course, a student has the skills necessary to record financial transactions and prepare financial reports for a sole trader business on a cash basis.

Assessment

The following standards will be offered and assessed:

Registered Number	Standard Title	Credits	Assessment Mode
90022 v3 (1.1)	Demonstrate an understanding of the conceptual basis of accounting	3	External
90023 v3 (1.2)	Describe a method of processing financial information and analyse transactions	3	External
90024 v2 (1.3)	Process financial information for a sole proprietor	4	Internal
90025 v2 (1.4)	Demonstrate an understanding of accounting systems for entities	3	Internal
90026 v3 (1.5)	Prepare financial statements for sole proprietors	4	External
90028 v2 (1.7)	Analyse and interpret information for a sole proprietor(s)	4	External

Qualification: Twenty-one credits towards NCEA Level 1.



What Will I Study?

Contemporary styles and conventions within **Art** and **Design**. Where it is relevant, actual works of art will be studied by visiting nearby Art Galleries. Practising artists that work within the Wellington area may well be visited so that students are better able to understand the works of the artist.

What Skills Will I Learn?

There are many skills which the present Year 9 students are acquiring. Describing tone, shape, line, using colour effectively, describing what the student sees will all be taught in Year 10. In short, the students' existing skills will be encouraged and developed further.

What Do I Need To Have Already Studied?

Any existing Art student at Year 9 who has achieved a reasonable level of success and has enjoyed the subject is eligible to apply for the Year 10 Art course.

Should numbers opting to take art at this level be more than two classes, there will be a selection process based on individual performance at Year 9.

Where Does This Subject Lead?

Year 13 Art consists of 5 different subjects: Painting, Printing, Sculpture, Photography, and Design. Massey Wellington runs a 4-year course in Industrial Design, Graphic Design and Visual Communication. There are several other courses at Massey Wellington where previous Art experience is an advantage eg Photography, Textile Design and Architecture. There are three universities that have degree courses in Art and many polytechnics that offer related Art courses. The list of eventual careers is numerous. For further information, make an appointment to see the HOD Art or the Careers' Adviser.

How Is This Subject Assessed?

By internal assessment.

Other Details

Art is an expensive subject to run. Each student will be required to carry the cost of his own personal materials and equipment. At Year 10, the cost is approximately \$60. At Year 11 Painting and Print, the cost is approximately \$85 for the year. At Year 11, Design and Photography with the use of cameras and memory sticks, the cost can be as much as \$100 by the end of the year.



Art at NCEA Level 1 aims to extend students' awareness of their environment and encourage them to explore and examine attitudes and observations through appropriate media. Personal techniques are developed to enable the students to select appropriate processes for the expression of ideas. Critical faculties and art experience will be expanded by actively studying and understanding existing works of prominent artists in order to develop a visual vocabulary.

Prerequisites

To successfully attempt Art at Year 11, a minimum of one year full-time study is strongly recommended. Any student wanting to do Art at Year 11 with little previous experience will need to see the Head of Department to first establish suitability for the course.

Assessment

Students taking Art at this level will be working towards credits for NCEA L1. The course will consist of 3 units of work, with the following three standards offered and assessed:

Registered Number	Standard Title	Credits	Assessment Mode
90019 v3 (1.2)	Using drawing processes and procedures	5	Internal
90020 v3 (1.3)	Generate and develop ideas in making art works	12	External
90021 v3 (1.4)	Extend ideas in media and techniques to produce new work	4	Internal

Results for 90020 (1.3) will be externally verified. One of the internal standards could be externally moderated.

Note: Students at Year 11 may only enter for **either** Art Painting and Printmaking **or** Art Design and Photography.

Qualification: Twenty-one credits towards NCEA Level 1.



Design and Photography at NCEA Level 1 aims to extend students' awareness of their environment and encourage them to explore and examine attitudes and observations through appropriate media. Personal techniques are developed to enable the students to select appropriate processes for the expression of ideas. Critical faculties and art experience will be expanded by actively studying and understanding existing works of prominent artists in order to develop a visual vocabulary.

Prerequisites

To successfully attempt Art at Year 11, a minimum of one year full-time study is strongly recommended. Any student wanting to do Design and Photography at Year 11 with little previous experience will need to see the Head of Department first to establish his suitability for the course.

This is an expensive course. Students will be expected to have a digital camera and will need to use Laser and Ink Jet printers during the year that incurs some expense. The costs will be somewhere between \$60-\$100 in materials alone.

Assessment

Students taking Design and Photography at this level will be working towards credits for NCEA L1. The course will consist of 3 units of work, with the following three standards offered and assessed:

Registered Number	Standard Title	Credits	Assessment Mode
90019 v3 (1.2)	Using drawing processes and procedures	5	Internal
90020 v3 (1.3)	Generate and develop ideas in making art works	12	External
90021 v3 (1.4)	Extend ideas in media and techniques to produce new work	4	Internal

Results for 90020 (1.3) will be externally verified. One of the internal standards could be externally moderated.

Note: Students at Year 11 may only enter for **either** Art Painting and Printmaking **or** Art Design and Photography.

Qualification: Twenty-one credits towards NCEA Level 1.



Aims

In studying biology, students will investigate and develop their understanding of:

- interrelationships of living organisms and their interactions with the abiotic environment
- interactions between humans and their environment
- structure and function of various human organ systems
- scientific investigative skills and attitudes.

What Will I Study?

Biological Communities

Diversity and organisation of two different communities

Introduced Plants and Animals

Effects of introduced species on NZ’s native flora and fauna and their control

The human digestive and skeletomuscular systems

Biological ideas and processes related to the digestive and skeletomuscular systems

Human defence mechanisms

The reaction of the human body to pathogens and pathogenic diseases

The human circulatory, respiratory and excretory systems

The functioning of the human circulatory, respiratory and excretory systems

The human reproductive system

The functioning of the human reproductive system

Assessment

Six standards will be offered and assessed, with 20 credits possible. Three are from Biology (B) and three are from Human Biology (HB):

Registered Number	Standard Title	Credits	Assessment Mode
90164 v3 (1.4) B	Describe ecological characteristics found in two biological communities	3	Internal
90165 v3 (1.5) B	Describe the control of an introduced species that affects native species	2	Internal
90166 v2 (1.6) B	Describe the functioning of human digestive and skeletomuscular systems	4	External
90176 v3 (1.4) HB	Describe how humans respond to pathogens	2	External
90178 v3 (1.6) HB	Describe functioning of human circulatory, respiratory and excretory systems	6	External
90179 v3 (1.7) HB	Describe functioning of the human reproductive system	3	External

Qualification: Credits towards NCEA Level 1.



Course Content

The Year 11 Chemistry course covers many of the basic chemical concepts such as the nature of matter, atomic theory and bonding, acids and bases, oxidation and reduction, as well as investigating the reactions and properties of many common chemical compounds like sulfuric acid, ammonia and chlorine. Balanced chemical equations will be part of the course. Practical work and demonstrations are included when possible.

The course material includes a number of facts, so a good memory and the willingness to learn them, is essential. Chemistry at this level is not simply adding one chemical to another to see what colours can be made.

Who should take Chemistry?

A knowledge of chemistry is essential in many careers such as medicine, physiotherapy, food technology, pharmaceuticals, environmental science and all branches of engineering. Taking Chemistry at Year 11 provides a very firm foundation for later studies in Chemistry at Years 12 and 13. However students will be admitted to the Year 12 Chemistry course with a good result in NCEA L1 Science. Chemistry is offered to all students at Year 11, but a reasonable result in the Year 10 end-of-year Science exam would give a student the confidence that he could succeed in Chemistry as a single subject. It must be stressed that students must be willing to work steadily throughout the year. Regular assignments will be given and the deadlines will be expected to be met.

Assessment

Five achievement standards will be offered and assessed, with a total of 22 credits possible, plus a unit standard worth 3 credits. Details are as follows:

Registered Number	Standard Title	Credits	Assessment Mode
90169 v3 (1.1)	Carry out a practical investigation with direction	4	Internal
90171 v3 (1.3)	Describe chemical reactions	4	External
90640 v2 (1.4)	Describe characteristic properties and reactions of metals, acids and bases	4	External
90172 v3 (1.5)	Describe atomic structure and bonding	3	External
90173 v2 (1.6)	Describe the chemistry of non-metals and their compounds	4	External
90648 v1 (1.7)	Describe properties and reactions of carbon and its compounds	3	External
6324 v4	Identify simple chemical species in solution. (This standard will only be attempted if there is time).	3	Internal

Qualification: Credits towards NCEA Level 1.



The Year 10 course is for students who have already completed one year's study of Chinese. The programme is based on the National Curriculum for Chinese and leads to NCEA Level 1.

What Will I Study?

- the Chinese language - speaking, listening, reading and writing
- Chinese culture.

What Skills Will I Learn?

- effective communication - the ability to talk to people in Chinese and to read and write the language
- expertise in language learning - knowledge about how to acquire an Asian language which does not use our alphabet
- appreciation of an Asian culture and another way of thinking
- disciplined study methods - the ability to organise material and to work accurately.

What Do I Need To Have Already Studied?

Satisfactory completion of Year 9 Chinese, or prior knowledge of the language.

Where Does This Subject Lead?

- further study – Chinese is offered at NCEA levels 1, 2 and 3, as well as for Scholarship
- career - Chinese is the most widely spoken language in the world and New Zealand's cultural and economic ties with the Chinese speaking world are becoming increasingly important
- leisure - knowledge of another language makes travel more interesting and broadens understanding beyond cultural stereotypes.

How Is This Subject Assessed?

Topic-based tests assessing progress in each of the four language skills: speaking, listening, reading and writing. There will be an investigation of an aspect of the culture of the Chinese language.



This course is for students who have already completed two years study of Chinese. The programme is based on the National Curriculum for Chinese and leads to NCEA Level 1.

Prerequisites

Satisfactory completion of Year 10 Chinese, or prior knowledge of the language.

Course content

The Chinese course focuses on developing the basic spoken and written language skills essential for communication in everyday situations. Language work covers the themes of family life, daily routine, sports and hobbies, schooling, transport and holidays. Linguistic studies are consolidated by background work on life in China, so that the language is learnt in its appropriate cultural context.

Assessment

The following standards will be offered and assessed:

Registered Number	Standard Title	Credits	Assessment Mode
90072 v3 (1.1)	Listen to and understand simple Chinese in familiar contexts	6	External
90073 v3 (1.2)	Deliver a prepared talk in simple Chinese on a familiar topic	3	Internal
90074 v3 (1.3)	Converse in simple Chinese in a familiar context	3	Internal
90075 v3 (1.4)	Read and understand simple written Chinese in familiar contexts	6	External
90076 v3 (1.5)	Write text in simple Chinese on a familiar topic	3	External
90077 v3 (1.6)	Write crafted text in simple Chinese on a familiar topic, with the support of resources	3	Internal

Qualification: Credits towards NCEA Level 1.



What Will I Study?

Year 10 Commerce is an introduction to all commercial subjects (Accounting, Economics and Business). The course provides a foundation for the study of Economics and Accounting at Year 11. It also gives students a taste of Business in Year 12. Year 10 Commerce it is not a prerequisite for Year 11 Economics or Accounting, but it is helpful.

The Economics component focuses on consumers and their economic decision making, management and participation in the economy. The Accounting section is an introduction to the concepts of Accounting and how businesses prepare their accounting records.

What Skills Will I Learn?

The skills developed in this course can be broadly classified into thinking, decision-making, investigation, statistical and communication skills. Accounting adds numeracy and problem-solving.

A variety of teaching activities and approaches are used to develop all of these areas. The course has a number of practically-based topics where skills are learnt that can be applied to real life situations.

What Do I Need To Have Already Studied?

There are no prerequisites.

Where Does This Subject Lead?

Economics and/or Accounting can be studied through to Year 13. Business is available at Years 12 and 13. There are a wide variety of commerce-related degrees, diplomas and certificates offered by tertiary institutions or you can simply use the skills learnt in your everyday life.

How Is This Subject Assessed?

A variety approaches to assessment are used, including business case studies, common testing, research projects and group and/or individual presentations.

Three Highlights of the Year

1. **Duff World.** During the Accounting unit, students will participate in an Accounting game where students keep financial records. The game integrates everyday classroom activities with accounting.
2. **Production and Market Day.** To complete the unit on Production, students are assigned the task of designing, producing and marketing their very own product, to be sold on the annual market day. All profits will go towards a charity chosen by the students.
3. **Field Trip to BNZ Museum.**



This is an exciting new optional course being offered for the first time in Year 10. The course will provide a firm foundation to Drama studied in the senior school, as well as developing students' confidence and independence.

What Will I Study?

Through devising and performing group and class productions, students will explore a range of key drama processes and forms.

What Skills Will I Learn?

Students will learn to work creatively and productively as an individual and as part of a team, to understand social patterns and experiences and represent these through drama. The practical work will focus on developing students' confidence in performance. They will also learn to analyse and reflect on drama performances and processes through journal keeping.

Where Does This Subject Lead?

Drama knowledge and experience can lead on to many of the media and theatre industries and may include career opportunities in performance work, technical work, event management, writing and design. Also, experience in Drama can give students confidence in public speaking and group work which are vital skills in all professional areas. It will also provide a good framework and introduction to the requirements of Drama courses in NCEA in years 11 to 13.

How Is This Subject Assessed?

Most of the assessment is performance-based with some written work.

Other Details

Students will be given the opportunity to experience all facets of Drama. This will involve class trips as well as set and costume making. This will incur a small cost for the students.



Introduction

The course will provide a firm foundation to Drama studied in the senior school. It involves both practical and theoretical aspects of Drama.

Prerequisites

No previous experience or study is required. However, those electing to study Drama at this level, should have a strong interest and enthusiasm for the subject, recognising the main areas of study outlined below. Students should have been involved the wider cultural activities of the school.

Main Areas of Study

Practical work in performance, that involves skills in movement, body work and use of the voice. Also, script and text analysis are undertaken, as well as interpretation and character development.

Methods

Practical work involved in rehearsal, preparation and performance, research and study of theatre forms, plus reflection and evaluation in journal keeping.

Career Relevance

Drama knowledge and experience can lead on to many of the media and theatre industries and may include career opportunities in performance work, technical work, event management, writing and design. Experience in Drama can give students confidence in public speaking and group work which are vital skills in all professional areas. The skills developed in this course will also feed into the demands of the Year 12 course.

Assessment

Six standards are offered, with a total of 24 credits possible. Details are as follows, with the credit value and assessment mode for each standard indicated:

Registered Number	Standard Title	Credits	Assessment Mode
90006 v3 (1.1)	Demonstrate appropriate drama techniques	4	Internal
90007 v3 (1.2)	Use elements and conventions to devise, structure and perform a drama	4	Internal
90008 v3 (1.3)	Demonstrate knowledge of a drama/theatre form through a practical presentation	3	Internal
90009 v3 (1.4)	Perform an acting role	4	Internal
90010 v3 (1.5)	Perform a technical or production role	4	Internal
90011 v4 (1.6)	Describe the techniques, elements, conventions and technologies of drama in a new context and reflect on performance	5	External

Qualification: Credits towards NCEA Level 1.







Introduction

Economics has a vital role to play in our rapidly changing society. An understanding of the basic economic concepts and the way in which the New Zealand economy operates is crucial for young people today.

Prerequisites

There are no prerequisites.

Course Content

This level focuses on how two sectors of the economy (households and firms) interact through the market. This interaction results in economic decisions about what will be produced and the process of production. The market is the central component of New Zealand's mixed economy. By studying the mechanism that allocates scarce resources and determines prices, students should understand the forces that impinge on their own economic participation. The course is divided into 3 parts: Consumer Decisions, Producer Decisions and The Market.

Topics covered include factors influencing supply/demand, influences on the use of resources, firms' interaction in the market place and influences on consumer decisions.

The Year 11 course aims to allow students to examine the collective behaviour of the groups involved in the market, and gain a greater understanding of the economic system of which they are part, by developing their thinking, decision-making and valuing skills.

Assessment

The following standards will be offered and assessed:

Registered Number	Standard Title	Credits	Assessment Mode
90195 v3 (1.1)	Describe concepts related to consumer choice and demand	4	External
90196 v3 (1.2)	Describe producers, resources and production	5	External
90197 v3 (1.3)	Describe the concept of supply	3	External
90198 v3 (1.4)	Describe the market and market equilibrium	5	External
90199 v3 (1.5)	Describe major sectors of the economy and the relationships between them	2	External
90201 v4 (1.7)	Carry out an economic investigation	3	Internal

Qualification: Twenty-two credits towards NCEA Level 1.



English For Speakers of Other Languages (ESOL) Years 9 - 13

This subject is taken by students for whom English is not their first language. Each student is tested when he first starts at the College and the most appropriate programme within the ESOL or English Department will be decided. This decision will be discussed with the student, and will depend on the student's test result, previous academic level and age.

There are **three** separate programmes within the ESOL Department:

- ESOL
- English Level 1 and Level 2
- IELTS (the International English Language Testing System).

ESOL at Years 9 and 10: (9ESL and 10ESL)

These are optional language-support classes, and will be designed around the abilities and needs of the students. They may be at any level, ranging from Basic to Intermediate level.

Please note:

- if a student's test result at the beginning of the year shows that he is above the Intermediate level, then it is in his best interest to select a different option subject
- all Year 9 and Year 10 students will also study English in a mainstream class.

ESOL: (11ESI, 11ESL, 12ESL)

These classes are for students who still require a level of support with their academic English, and the opportunity will be provided to study NCEA at Level 1 and possibly Level 2, using and being assessed against ESOL standards on the NQF. The actual standards used will be decided at the beginning of the year, although a variation may occur during the year and will depend on the language ability of the class as a whole.

Please note:

- Year 11 students in 11ESI may possibly study and be assessed against selected ESOL and English standards.

English (11ESI, 12ESI, 13ESI)

Some students in years 11 and 12 and all students in Year 13 will be provided with the opportunity to study NCEA Level 1 or Level 2 using and being assessed against selected English standards on the NQF.

IELTS: (13ESL)

This is an IELTS-preparation class for Year 13 students. The students may choose whether they wish to sit the examination or not, although it is recommended to wait until September before making this decision. The four areas of speaking, listening, reading and writing will be covered, and students may attend both this class and an English class.



What Will I Study?

- the French language - speaking, listening, reading and writing
- French culture - the lifestyle of people in France and other French speaking countries.

What Skills Will I Learn?

- effective communication - the ability to talk to people in French and to read and write the language with precision
- expertise in language - a greater understanding of English and knowledge about how to learn another language
- appreciation of another culture and another way of thinking
- disciplined study methods - the ability to organise material and to work accurately.

What Do I Need To Have Already Studied?

Satisfactory completion of Year 9 French or prior knowledge of the language.

Where Does This Subject Lead?

- further study - French can be studied at all year levels
- career - languages are useful in many fields - commercial, scientific and technical - when studied in conjunction with other subjects
- leisure - knowledge of another language makes travel more interesting.

How Is This Subject Assessed?

Topic-based tests, assessing progress in each of the four language skills: speaking, listening, reading and writing.

There will be an investigation of an aspect of the culture of the French language.



The Year 11 course prepares students for NCEA Level 1. The course at this level assesses candidates' ability in the 4 language skills:

Listening, Reading, Speaking, Writing
and their understanding of the French way of life.

Prerequisites

One of the following:

- satisfactory completion of the Year 10 course
- prior knowledge of the basics of the language or proven linguistic ability.

Course Content

The course is based on the prescribed grammar and word list at levels 5 and 6 as set down in the *National Curriculum for French*, with emphasis on the communicative use of language. Classwork focuses on the themes of:

- family life, schooling, housing, holidays, sport and leisure
- linguistic studies, consolidated by work on French culture so that the language is learnt in its appropriate context.

Assessment

The following standards will be offered and assessed:

Registered Number	Standard Title	Credits	Assessment Mode
90084 v3 (1.1)	Listen to and understand simple spoken French in familiar contexts	6	External
90085 v3 (1.2)	Deliver a prepared talk in simple French on a familiar topic	3	Internal
90086 v3 (1.3)	Converse in simple French in a familiar context	3	Internal
90087 v3 (1.4)	Read and understand simple written French in familiar contexts	6	External
90088 v3 (1.5)	Write text in simple French on a familiar topic	3	External
90089 v3 (1.6)	Write crafted text in simple French on a familiar topic, with the support of resources	3	Internal

Qualification: Credits towards NCEA Level 1.



Geography is the study of the Earth as the home of people. It helps students to understand the world around us and why the world is the way it is today. There are no prerequisites required for students who wish to take Year 10 Geography.

What Will I Study?

This introductory course involves the study of six units of work covering aspects of Physical and Human Geography. The six units are:

- Geographic Skills
- New Zealand and the World
- Climate and Weather
- Geography of the Pacific
- Human Geography
- Antarctica

By The End of This Course Students Will Be Able To:

- think geographically
- outline basic ideas and concepts in Geography
- process geographic information
- demonstrate familiarity with both New Zealand and world Geography.

How Is This Subject Assessed?

Geographic knowledge, skills, and application will be assessed. Assignments will include the making of a weather station, a field trip report, planning a world trip and a personal research project on tourism.

In addition, Year 10 Geography students will have the opportunity to gain five credits in a level 1 achievement standard in Geography - 90206 v3 (1.5) *Carry out and present directed geographic research*). The credits for this standard will be added to students' records of achievement when they are in Year 11.

Where Does This Subject Lead?

The course will be a useful background for Geography at NCEA levels 1, 2 and 3. Geography can then be studied at university as part of an arts or science degree.

Where Can Studying Geography Lead Me To In The Future?

Urban/rural planning within local or national government; overseas development aid work for government agencies or NGOs; armed forces; geographic information systems and remote sensing; Cartography; Antarctic research; environmental research or consultancy; secondary school teaching; Meteorology; social/public policy making and analysis; diplomat with the Ministry of Foreign Affairs and Trade; resource management; tourist industry; social science research; fossil fuel exploration with oil companies; university research and lecturing as well as surveying.

Other Details About This Course

Minimal costs will be involved in a local field trip. Students will also be required to purchase a workbook costing approximately \$10.00.



Geography is the study of the Earth as the home of people. It helps students to understand the world around us. There are no prerequisites required for students who wish to take Year 11 Geography.

Course Content

Extreme Natural Events

This unit focuses on the processes that produce extreme natural events, the effect on the land and people and the ways people may increase or decrease the likelihood or effects of hazards. Our selected extreme natural events are earthquakes in New Zealand.

Resources and Their Use

This unit looks at the distribution patterns and systems of operation of farming types and mineral extraction as well as the issues related to the past, present, and future use of resources. Our selected studies are extensive pastoralism in the South Island High Country and uranium mining in Australia.

Population Patterns, Processes and Issues

This unit focuses on the nature and structure of population distribution, and growth patterns, the processes of population movement, the reasons for different living conditions and issues associated with each of these. New Zealand is the setting for the study of population.

School Selected Studies

As well as these prescribed common topics, there will be some school selected studies that demonstrate current geographic issues of local, national and global importance.

Assessment

The following standards will be offered and assessed:

Registered Number	Standard Title	Credits	Assessment Mode
90202 v3 (1.1)	Describe an extreme natural event and the human response	3	External
90203 v4 (1.2)	Describe population patterns, processes and issues	3	External
90204 v3 (1.3)	Describe resource use in a farming or mining context	3	External
90205 v3 (1.4)	Apply skills and ideas with direction in a geographic context	4	External
90206 v3 (1.5)	Carry out and present directed geographic research	5	Internal
90207 v3 (1.6)	Describe a contemporary geographic issue and evaluate courses of action	3	Internal
90208 v3 (1.7)	Describe a global geographic study	3	Internal

Field Trip

A one-day field trip around Wellington takes place in Term 1. The cost will be approximately \$20.

Where Can Studying Geography Lead Me To In The Future?

Urban/rural planning in the public/private sector; overseas development aid work for government agencies or NGOs; armed forces; geographic information systems and remote sensing; Cartography; Antarctic research; environmental research or consultancy; secondary school teaching; Meteorology; social/public policy making and analysis; diplomat with the Ministry of Foreign Affairs and Trade; resource management; tourist industry; social science research; fossil fuel exploration with oil companies; university research and lecturing; surveying.

Qualification: Credits towards NCEA Level 1.



What Will I Study?

- the German language - speaking, listening, reading and writing
- German culture.

What Skills Will I Learn?

- effective communication - the ability to talk to people in German and to read and write the language with precision
- expertise in language - a greater understanding of English and knowledge about how to learn another language
- appreciation of another culture and another way of thinking
- disciplined study methods - the ability to organise material and to work accurately.

What Do I Need To Have Already Studied?

Satisfactory completion of Year 9 German, or prior knowledge of the language.

Where Does This Subject Lead?

- further study - German can be studied at all year levels
- career - languages are useful in many fields - commercial, scientific and technical - when studied in conjunction with other subjects
- leisure - knowledge of another language makes travel more interesting.

How Is This Subject Assessed?

Topic-based tests assessing progress in each of the four language skills: speaking, listening, reading and writing.

There will be an investigation of an aspect of the culture of the German language.



The Year 11 course prepares students for NCEA Level 1. This course assesses candidates' ability in the four language skills:

Listening, Reading, Speaking, Writing
and understanding the German way-of-life.

Prerequisites

One of the following:

- satisfactory completion of the Year 10 German course
- some prior knowledge of the basics of the language
- proven linguistic ability.

Course Content

Various aspects of listening, speaking, reading and writing will be covered. Eight specific topics will be studied together with the prescribed word list and grammar set down in the National Syllabus for German.

The topics to be studied are: the Individual; Family and Home; School and Education; Social Life; Cities and Towns; Sport and Recreation; Travel and Holidays; Geography.

Assessment

The following standards will be offered and assessed:

Registered Number	Standard Title	Credits	Assessment Mode
90090 v3 (1.1)	Listen to and understand simple spoken German in familiar contexts	6	External
90091 v3 (1.2)	Deliver a prepared talk in simple German on a familiar topic	3	Internal
90092 v3 (1.3)	Converse in simple German in a familiar context	3	Internal
90093 v3 (1.4)	Read and understand simple written German in familiar contexts	6	External
90094 v3 (1.5)	Write text in simple German on a familiar topic	3	External
90095 v3 (1.6)	Write crafted text in simple German on a familiar topic, with the support of resources	3	Internal

Qualification: Credits towards NCEA Level 1.



What Will I Study?

The Year 11 course in Graphics is structured around two contexts:

- **Spatial Design**, such as architecture, interior, and landscape conceptual design
- **Product Design**, such as fashion, packaging, media products, technological and engineering conceptual design.

What Will I Learn?

Students will gain a sound understanding of freehand sketching, rendering, presentation, layout techniques, technical drawing skills, the design process, how to analysis current designs, and be aware of sustainable design issues. Students will be exposed to use of computer programmes during their assignments work. They include Indesign, Photoshop, Google sketch up, Archicad 12 and Pro-desktop.

Prerequisite

Satisfactory completion of the Year 10 Technology course.

Where Does The Subject Lead?

Graphics can be studied at all levels. The course will provide an excellent background for any student who is looking for a career in the visual communication field.

How Is It Assessed?

The following standards will be offered and assessed:

Registered Number	Standard Title	Credits	Assessment Mode
90037 v3 (1.1)	Produce freehand sketches that communicate own design features	3	External
90039 v3 (1.3)	Produce instrumental, mutli-view working drawings to communicate own design ideas	3	External
90040 v2 (1.4)	Produce pictorial drawings using instruments and render these drawing.	4	External
90041 v2 (1.5)	Produce a mock-up and model	4	Internal
90042 v2 (1.6)	Apply a design process and design principles to identified needs and opportunities	5	Internal
90044 v2 (1.8)	Present design ideas that show design features and functions	3	Internal

Qualification: Credits towards NCEA Level 1.



What Will I Study?

This course is designed to introduce you to some of the resistance, rebellions and revolutions that have taken place in world and New Zealand history. We hope that as a result of this course you will gain a much greater understanding of the past and the world you live in.

Many of the following topics may be included in the course. They will be developed around wider themes such as ‘The Impact of the Empire’, ‘The Rise of Asia’ and ‘Frontier Societies’.

- Black Civil Rights in the USA
- Revolutionary Leadership – Russia/USSR 1900-1957
- Revolutionary Leadership – China 1921-1949
- The “Glorious” Revolution
- The French Revolution
- The Industrial Revolution
- Mughal and British India and the struggle for Indian independence
- The American Revolution and the American West
- Māori resistance to Pakeha in the Wellington region (field trip).

What Skills Will I Learn?

By the end of this course you should have improved your ability to:

- research and communicate historical information about the history of resistance, revolution and rebellion
- recall historical information about resistance, revolution and rebellion
- examine sources that help us understand resistance, revolution and rebellion in the past
- write essays about resistance, revolution and rebellion in the past
- examine the perspectives and actions of different people about resistance, revolution and rebellion in the past.

What Do I Need To Have Already Studied?

This course is open to all Year 10 students. You can choose to take this course even if you did not take History in Year 9.

Where Does This Subject Lead?

You can continue studying History through to Year 13. The skills and understandings that you develop in this course will be useful in a whole range of careers and subjects.

How Is The Subject Assessed?

Research assignments, source analysis exercises, recall tests, essays and perspectives assessments.

Other Details

The Year 10 History field trip around the battle sites of the Wellington Wars will cost approximately \$20.



The Course

This course is an introduction to the major events of twentieth century world history. You do not have to have studied History before to do well in this course.

What Topics Will I Study?

You will learn about the big ideas that have shaped the last one hundred years of history including communism, colonialism, fascism, racism, zionism and nationalism. You will study four major topics and conduct a major research assignment.

Topics

- The Origins of World War Two - 1919-1941
- New Zealand's Search for Security - 1945-1985
- Ireland 1909-1922
- Palestine/Israel 1935-1967

Research Assignment

- "Out in the Street" – Protest in Twentieth Century New Zealand

How Is The Course Assessed?

Year 11 History has six achievement standards. Each standard is worth four credits towards your NCEA Level 1. Two achievement standards are assessed internally through a major research and communication assignment. The remaining four standards are assessed through an end-of-year external examination that is administered by NZQA.

The following standards will be offered and assessed:

Registered Number	Standard Title	Credits	Assessment Mode
90209 v3 (1.1)	Carry out an historical investigation	4	Internal
90210 v3 (1.2)	Communicate historical ideas	4	Internal
90211 v3 (1.3)	Interpret historical sources	4	External
90212 v3 (1.4)	Describe the perspectives and related actions of people in an historical setting	4	External
90213 v3 (1.5)	Describe an historical development, in an essay	4	External
90214 v3 (1.6)	Describe experiences that have been significant to the identity of New Zealanders	4	External

Qualification: Credits towards NCEA Level 1.



What Will I Study?

- the Japanese language - speaking, listening, reading and writing
- Japanese culture.

What Skills Will I Learn?

- effective communication - the ability to talk to people in Japanese and to read and write the language with precision
- expertise in language learning - knowledge about how to acquire an Asian language which does not use our alphabet
- appreciation of another culture and another way of thinking
- disciplined study methods - the ability to organise material and to work accurately.

What Do I Need To Have Already Studied?

Satisfactory completion of Year 9 Japanese or prior knowledge of the language.

Where Does This Subject Lead?

- further study - Japanese can be studied at all year levels
- career - languages are useful in many fields - commercial, scientific and technical - when studied in conjunction with other subjects
- leisure - knowledge of another language makes travel more interesting.

How Is This Subject Assessed?

Topic-based tests assessing progress in each of the four language skills: speaking, listening, reading and writing.

There will be an investigation of an aspect of the culture of the Japanese language.



The Year 11 course takes students through to level six of the National Curriculum. During the year there will be regular assessments in the four language skills:

Listening, Reading, Speaking, Writing

The students' knowledge of Japanese culture will be tested within these skills. Students will be expected to read and write both kana scripts and to recognise the kanji required for assessment at NCEA Level 1.

Prerequisites

One of the following:

- satisfactory completion of the Year 10 course
- a prior knowledge of the basics of the language.

Course Content

The course is based on the prescribed topics, and the grammar and word list set down in the National Japanese Syllabus, with emphasis on the communicative use of the language. The ability to comprehend and use everyday Japanese language is developed through a study of the following Japanese cultural topics: Schooling, Family Life and Traditions, Housing, Shopping, Eating, Transport and Travel, Holidays and Festivals, Sport and Leisure, Health, Holidaying in Japan.

Assessment

The following standards will be offered and assessed:

Registered Number	Standard Title	Credits	Assessment Mode
90102 v3 (1.1)	Listen to and understand spoken language in Japanese in familiar contexts	6	External
90103 v3 (1.2)	Deliver a prepared talk in simple Japanese on a familiar topic	3	Internal
90104 v3 (1.3)	Converse in simple Japanese in a familiar context	3	Internal
90105 v4 (1.4)	Read and understand simple written Japanese in familiar contexts	6	External
90106 v3 (1.5)	Write text in simple Japanese on a familiar topic	3	External
90107 v3 (1.6)	Write crafted text in simple Japanese on a familiar topic, with the support of resources	3	Internal

Qualification: Credits towards NCEA Level 1.



What Will I Study?

- the Latin language - developing the ability to read in Latin
- Roman civilisation - examining the society and history of Rome and its empire, with particular emphasis on the Roman army, Roman religion and mythology.

What Skills Will I Learn?

- expertise in language - a greater understanding of English grammar, knowledge about how to learn other languages (in particular Romance languages), enrichment of English vocabulary
- appreciation of the impact of Rome on Western culture - a sense of the past and an opportunity to compare another society with our own
- effective study methods - the ability to analyse, to organise material and to work accurately.

What Do I Need To Have Already Studied?

Year 9 Latin

Where Does This Subject Lead?

Latin can be studied at all year levels. It provides a valuable background for Classical Studies - a popular subject in Year 12 and Year 13 and at universities, and in general helps to encourage intellectual discipline.

How Is This Subject Assessed?

- topic-based tests assessing performance in language and history
- research and creative/craft assignments assessing Roman civilisation
- NCEA Level 1 achievement standards (where appropriate).



The Year 11 course prepares students for NCEA Level 1, and assesses the ability to read Latin, and understand Roman civilisation and its contribution to the Western World.

Prerequisites

One of the following:

- satisfactory completion of the Year 10 course
- proven linguistic ability.

Course Content

The linguistic component of the course is based on the grammar and word list prescribed for NCEA Level 1. Emphasis is placed on understanding the fundamental structures of Latin and increasing knowledge of English grammar and vocabulary.

The historical component of the course is based on the study of:

- one prescribed history unit: The career of Julius Caesar
- an investigation of the contribution of the Romans to one aspect of western civilisation, for example in architecture or engineering or language.

Emphasis is placed on developing understanding of the roots of Western culture and acquiring skills of interpretation, investigation and critical evaluation.

Assessment

The following standards will be offered and assessed:

Registered Number	Standard Title	Credits	Assessment Mode
90114 v3 (1.1)	Translate elementary unfamiliar Latin prose into English	6	External
90115 v3 (1.2)	Read and comprehend elementary unfamiliar Latin prose	4	External
90116 v3 (1.3)	Understand a familiar passage or passages from Latin literary texts	6	External
90117 v3 (1.4)	Describe an aspect of Roman civilisation	6	Internal
90118 v3 (1.5)	Describe the contribution of the Romans to one aspect of western civilisation	2	Internal

Qualification: Credits towards NCEA Level 1.

Students may also enter for level 2 internal and external standards, where appropriate.



What Will I Study?

- Māori language and culture.

What Skills Will I Learn?

- the ability to communicate in Te Reo Māori using appropriate listening, speaking, reading and writing skills
- an understanding and appreciation of Māori values and customs.

What Do I Need To Have Already Studied?

Year 9 Māori or ability in written and oral Māori.

Te Reo Māori Beyond The Classroom

Te Reo Māori offers many exciting career pathways. Knowledge of Te Reo Māori and tikanga Māori are essential skills in many careers.

A knowledge of Te Reo Māori and tikanga Māori gives students the ability to participate fully in the Māori world.

How Is This Subject Assessed?

There are two assessments conducted during Terms 1 and 4. In addition, some topic-based tests, assessing language proficiency and knowledge of culture are undertaken.

Other Details

Students will be given opportunities to attend cultural events and performances. Participation in kapahaka activities is encouraged.



The aim of the Year 11 Māori course is to prepare candidates for NCEA Level 1 Te Reo Māori, by developing students' ability in listening, speaking, reading and writing.

Prerequisites

Satisfactory completion of the Year 10 Māori course or an ability in written and oral Māori.

Course Content

Speaking: The oral component will be developed as an integral part of the course. Specific aspects of the oral component include:

- Ngā Mihi - Greetings
- Te Whānau me te Kāinga - the family and the home
- a variety of topics which emphasise Māori values and perspectives. eg marae, hui, waka
- Kōrero - prepared speeches where there is scope for students to choose topics

Listening: Students will be required to determine meaning from information read to them.

Reading: Students will read a variety of texts during the year. They will be required to demonstrate understanding of these texts.

Writing: The forms of writing include personal introductions, reports, reviews, descriptions, dialogue, instructions, recipes, narratives, letters, notices, invitations, advertisements, songs and essays.

Assessment

The following standards will be offered and assessed:

Registered Number	Standard Title	Credits	Assessment Mode
90131 v3 (1.1)	Whakarongo i te reo o tōna ao	6	Internal
90132 v3 (1.2)	Kōrero i te reo o tōna ao	6	Internal
90133 v3 (1.3)	Pānui i te reo o tōna ao	6	External
90134 v3 (1.4)	Tuhituhi i te reo o tōna ao	6	External

Qualification: Credits towards NCEA Level 1.



What Will I Study?

- Composition: Students will write their own music
- Performance: Classroom Orchestra/Band
- Musical Appreciation/Listening
- Music Theory.

What Skills Will I Learn?

- Creativity: Composition assignments include the following: writing for student's own instrument, music to words, programme music
- Practical: Individual and group performance
- Aural/Listening: A wide range of musical styles is covered, together with distinguishing musical elements such as rhythm, melody and instrumental sounds
- Music Theory: Understanding notation and applying musical literacy to composition, practical work, as well as listening activities.

What Do I Need To Have Already Studied?

Year 9 music provides a sound base for students wishing to take Year 10 Music. However, it is required that students learn (or have learnt) an instrument, either at school or privately. Instrumental tuition can be arranged for those wishing to begin an instrument in Year 10 at the College.

Where Does This Subject Lead?

Many of the Year 10 music class carry on with the subject into NCEA Level 1, and beyond. It is a particularly suitable course for those students with an aptitude and interest in music. The course should not necessarily be seen as a preparation for a career option "What can I do with music ...?" but should be viewed as an opportunity to extend a musical interest/ability, part of an all-round balanced education. Many students develop a life-long interest and a creditable critical understanding through a continued musical education at school.

How Is This Subject Assessed?

Graded on composition, aural/listening, musical knowledge and performance.

Other Details

Any prospective Year 10 music student is encouraged to discuss the course with Miss Macfarlane, and also to talk with students at school who have taken music as an option in Year 10 and above. As with some languages, it is not normally possible for students to pick up music later if it is dropped at the end of Year 9.



In line with current music education practice, NCEA Level 1 Music aims to develop and further encourage literacy in music through an interweaving of four strands:

- learning the language of music
- devolping ideas in music
- communicating and interpreting meaning in music
- understanding music in context.

Prerequisites

Ideally students should have studied music in Year 10 and be learning an instrument with regular tuition, either at school or privately. There are some exceptions, so please check with the HOD Music. All students who take level 1 Music will have lessons available at the College if they wish, and are expected to belong to a school music group.

Course Content

The course content, based an six achievement standards involves:

- performance as a soloist (students present pieces in 2 performances)
- performance as a member of a group (students present one performance)
- composition of pieces of music (students submit 2 compositions for assessment)
- aurally identifying, describing and transcribing music elements from simple music
- identifying, describing and analysing fundamental materials of music
- demonstating knowledge of music works (a minimum of 4 works are studied with a variety of assessment activities).

Assessment

The following standards will be offered and assessed:

Registered Number	Standard Title	Credits	Assessment Mode
90012 v3 (1.1)	Perform contrasting music as a featured soloist	6	Internal
90014 v3 (1.3)	Compose music to meet specified requirements	6	Internal
90015 v3 (1.4)	Aurally identify, describe and transcribe music elements from simple music	3	External
90016 v2 (1.5)	Identify and describe fundamental materials of music	2	External
90017 v2 (1.6)	Demonstrate knowledge of music works	4	Internal
90013 v3 (1.2) (optional)	Perform music as a member of a group	3	Internal

Qualification: Credits towards NCEA Level 1.



Prerequisites

It is expected that students have been active and enthusiastic participants in the Years 9 and 10 Physical Education programmes.

Course Outline

Students will be expected to actively participate in a variety of activities such as Athletics, Touch Rugby, Football, Volleyball, Australian Rules and Basketball. They will learn to relate the performance of these activities to the structure and function of the body through the study of Anatomy, Biomechanics, and Exercise Physiology. There is also a focus on examining the quality of movement and exploring the portrayal of the body in physical activities.

Assessment

The following standards are offered and assessed, with 20 credits possible, that contribute towards NCEA Level 1. The standards available are all internally assessed during the year.

Registered Number	Standard Title	Credits	Assessment Mode
90067 v3 (1.1)	Participate in physical activities and describe how this influences well-being	5	Internal
90068 v2 (1.2)	Demonstrate knowledge of body structure and function related to performance of physical activity	5	Internal
90070 v2 (1.4)	Explore how the body is portrayed in physical activity	4	Internal
90524 v1 (1.3)	Demonstrate quality movement in the performance of a physical activity	3	Internal
90525 v1 (1.6)	Examine the quality of movement in performance of a physical activity	3	Internal

This course is recommended for those students who are planning to study Physical Education in Year 12 and in Year 13.

The study of Physical Education can lead to careers in teaching, coaching, exercise consultancy, physiotherapy, sports management and a variety of other avenues relating to sport and recreational services.

Qualification: Credits towards NCEA Level 1.



What is Physics?

Physics is the study of **how** and **why**. For example:

- **how** a ball travels after it is thrown, and **why** it moves that way
- **how** a camera lens focuses light on to a film to form an image, and **why** light behaves like that.

Physics deals in measurable quantities. These can range from the tiny world of electrons and atoms to the vastness of stars and galaxies. Mostly though, it is concerned with everyday objects, and this makes it one of the most practical of the sciences.

Ask yourself these questions

- Are you genuinely interested in the world around you?
- Are you fairly good at maths and science now?
- Are you considering a career that involves science or engineering, or requires a qualification in physics?

What will you study in Physics?

The Year 11 course focuses on understanding. It is divided into nine key units of study - motion, forces and vectors, light, waves and sound, work and energy, heat, magnetism, electricity and electromagnetism. You will undertake a programme of practical work in addition to studying the theory of physics.

Assessment

The following standards will be offered and assessed:

Registered Number	Standard Title	Credits	Assessment Mode
90180 v3 (1.1)	Carry out a practical physics investigation with direction	4	Internal
6375 v4	Use graphical analysis to recognise a directly proportional physical relationship	2	Internal
90182 v3 (1.3)	Demonstrate understanding of wave and light behaviour	5	External
90183 v3 (1.4)	Demonstrate understanding of mechanics in one dimension	5	External
90184 v3 (1.5)	Demonstrate understanding of heat transfer and nuclear physics	3	External
90185 v3 (1.6)	Demonstrate understanding of electricity and magnetism	5	External

Qualification: Credits towards NCEA Level 1.



What Will I Study?

- the Spanish language - speaking, listening, reading and writing
- Spanish culture - the lifestyle of people in Spain and other Spanish speaking Central and South American countries.

What Skills Will I Learn?

- effective communication - the ability to talk to people in Spanish and to read and write the language with precision
- expertise in language - greater understanding of English and knowledge about how to learn another language
- appreciation of another culture and another way of thinking
- disciplined study methods - the ability to organise material and to work accurately.

What Do I Need To Have Already Studied?

No prerequisite, but some success in a year 9 modern language recommended.

Where Does This Subject Lead?

- further study - Spanish can be studied at all year levels beyond Year 10
- career - languages are useful in many fields - commercial, scientific and technical - when studied in conjunction with other subjects
- leisure - knowledge of another language makes travel more interesting.

How Is This Subject Assessed?

Topic-based tests, assessing progress the four language skills: speaking, listening, reading and writing. There will be an investigation of an aspect of the culture of the Spanish language.



Spanish

Year 11

This course is intended for students who have demonstrated some ability in second language learning in the junior school or who have a special interest and/or background in the subject. The programme will be based on the *Spanish in the New Zealand Curriculum* and will prepare students for selected NCEA Level 1 standards.

Prerequisites

One of the following :

- satisfactory completion of a Year 10 language course
- a demonstrated special interest in the subject
- prior knowledge of the basic vocabulary and structures of Spanish.

Course Content

The course is based on the prescribed vocabulary and structures set down in *Spanish in the New Zealand Curriculum*, with emphasis on the communicative use of language.

Classwork will focus on:

- developing the four language skills – speaking, listening, reading and writing
- increasing knowledge of Hispanic culture, both in Spain and Central/South America.

Assessment

The following standards will be offered and assessed

Registered Number	Standard Title	Credits	Assessment Mode
90125 v3 (1.1)	Listen to and understand simple spoken Spanish in familiar contexts	6	External
90126 v3 (1.2)	Deliver a prepared talk in simple Spanish on a familiar topic	3	Internal
90127 v3 (1.3)	Converse in simple Spanish in a familiar context	3	Internal
90128 v3 (1.4)	Read and understand simple written Spanish in familiar contexts	6	External
90129 v3 (1.5)	Write text in simple Spanish on a familiar topic	3	External
90130 v3 (1.6)	Write crafted text in simple Spanish on a familiar topic, with the support of resources	3	Internal

Qualification: Credits towards NCEA Level 1.



What Will I Study?

This course provides the opportunity for students to work with the community, industry and tertiary sectors to facilitate technological practice. Successful collaboration with clients and associated stakeholders will involve problem solving, client satisfaction and outcomes in control technology. The project will revolve around either a software or hardware problem utilising a micro to solve a problem or a complete software programming solution to a problem. It will give students an opportunity to develop their skills in programming and their knowledge of control of data as part of input/process/output.

What Will I Learn?

Students will gain a sound understanding of all the skills required to present their design ideas. They will be expected to work alongside a client while designing a product. They will learn introductory skills in electronics and the use of sensors and actuators connected to a microchip. They will also develop skills in programming to manipulate data as part of the input/process/output system.

Prerequisites

Satisfactory completion of the Year 10 Technology course.

Where Does the Subject Lead?

Technology can be studied at all levels. The course will provide an excellent background for any student who is looking for a career in design field which could encompass programming, engineering, or computer software development.

Assessment

The following standards will be offered and assessed:

Registered Number	Standard Title	Credits	Assessment Mode
90045 v3 (1.1)	Develop an outcome through technological practice to address a given brief	6	Internal
90046 v3 (1.2)	Formulate a brief to address a given issue	6	Internal
90049 v2 (1.5)	Demonstrate understanding of technological knowledge	4	External
90050 v4 (1.6)	Present an outcome develop through technological practice that address the requirements of the brief	4	Internal

Other Details

Due to the explorative and problem-solving nature of Technology, each student will be required to meet the cost of his own practical materials and stationery. At Year 11, there is an endeavour to limit the cost for materials to \$60.

Note: Students who select Technology, must choose **either** Technology Control and ICT **or** Technology – Hard Materials and not both.

Qualification: Credits towards NCEA Level 1.



What Will I Study?

Technology is intervention by design: the use of practical and intellectual resources to develop products and systems that expand human possibilities by addressing needs and realising opportunities. Innovation is at the heart of technology practice. Quality outcomes result from creative thinking and practices that are informed, critical and creative.

What Will I Learn?

Technology is never static. It is influenced by, and in turn impacts on the cultural, ethical, environmental, political and economic conditions of the day. The aim is for students to develop a broad technological literacy that will equip them to participate in society. They learn practical skills as they work with real clients to develop models, products and systems. Technological focus area is hard materials.

Prerequisites

Satisfactory completion of the Year 10 Technology course.

Where Does The Subject Lead?

Technology can be studied at all levels. The course will provide an excellent background for any student who is looking for a career in design in any area.

How Is It Assessed?

The following standards will be offered and assessed:

Registered Number	Standard Title	Credits	Assessment Mode
90045v3 (1.1)	Develop an outcome through technological practice to address a given brief	6	Internal
90046 v2 (1.2)	Formulate a brief to address a given issue	6	Internal
90049v2(1.5)	Demonstrate understanding of technological knowledge	4	External
90050 v4 (1.4)	Present an outcome develop through technological practice that address the requirements of the brief	4	Internal

Other Details

Due to the explorative and problem solving nature of Technology, each student will be required to meet the cost of his own practical materials and stationery. At Year 11 level there is an endeavour to limit the cost for materials to \$60.

Note: Students who select Technology, must choose **either** Technology Control and ICT **or** Technology – Hard Materials and not both.

Qualification: Credits towards NCEA Level 1.



Year 10 Course Selection For 2010

Name _____ Form Class in 2009 _____
First Name Last Name

All Year 10 students will study:

English, Mathematics, Science, Social Studies, Health & Physical Education, plus Technology.

For the option subjects given below, you need to select a **total of three subjects** by ticking the appropriate boxes.

1. Select at least one of:

- | | | |
|----------------------------------|-----------------------------------|--|
| <input type="checkbox"/> Chinese | <input type="checkbox"/> French | <input type="checkbox"/> German |
| <input type="checkbox"/> ESOL | <input type="checkbox"/> Japanese | <input type="checkbox"/> Latin |
| <input type="checkbox"/> Māori | <input type="checkbox"/> Spanish | <input type="checkbox"/> Integrated Studies
(only for students who have not studied a language in Year 9) |

2. Select at least one of:

- | | | |
|------------------------------|--------------------------------|--------------------------------|
| <input type="checkbox"/> Art | <input type="checkbox"/> Drama | <input type="checkbox"/> Music |
|------------------------------|--------------------------------|--------------------------------|

3 Other options available:

- | | | |
|-----------------------------------|------------------------------------|----------------------------------|
| <input type="checkbox"/> Commerce | <input type="checkbox"/> Geography | <input type="checkbox"/> History |
|-----------------------------------|------------------------------------|----------------------------------|

Have you ticked **three** boxes?

Please note: Students' selections will be met where possible. Timetable restrictions may affect this.

An information meeting will be held at 4.00pm, Thursday 6 August, in the College Hall

Signature of Parent: _____

Date: _____

Please return this form to your **Form Teacher** by Monday 10 August 2009.





