INTRODUCTION

The choice of subjects by a student is a serious decision and must match the abilities and goals of each individual. We are aware that many pupils are uncertain of their future careers and this makes this decision more difficult. Experience has shown us that many students find that in their senior years they cannot take a 'now needed' subject because they lack a necessary prerequisite. With such a vast range of subjects available it is not easy to keep all possible options available. The information in this booklet is designed to enable all students to make an informed selection as it provides data about subjects leading to NCEA Levels 1, 2 and 3 including pre-requisites and standards offered. In addition any course costs in addition to course fees such as field trips or course/practical books are included. While we advise students to plan their future course beyond the next year, we are aware that goals and situations change so there is no obligation to continue with their outlined programme beyond 2009. Changes and modifications are always possible.

Students also need to be aware that an increasing number of senior subjects require not just a minimum number of credits for entry but may also stipulate that a proportion of these to be derived from externally assessed standards. If unsure please seek advice from teachers, heads of departments or Deans.

A recent change to NCEA has resulted in the potential to have NCEA level certificates endorsed with Merit or Excellence. A student needs to have at least 50 Merit or Excellence credits for Merit endorsement or 50 Excellence credits for Excellence endorsement. There is also discussion for similar endorsement of individual subjects or groups of related subjects.

Scholarship

Scholarship is an award not a qualification. Credits leading to NCEA are no longer generated. It has become obvious to us that students contemplating entering scholarship should plan for this from years 11/12 in their schooling. This exam is designed for students with high level, flexible, critical thinking and evaluation, and the ability to analyse, synthesise and integrate knowledge in complex situations from a variety of sources into an effective, coherent account. Scholarship subjects for 2009 are:

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

University Entrance

This is a critical requirement for all students planning to progress to University in 2010 or thereafter. It is a complex calculation and requires students to gain a minimum of 42 credits at NCEA level 3 (or higher). These 42 credits must include a minimum of 14 credits in each of two subjects from the approved list below. Another 14 credits is needed from up to two subjects/domains on the qualifications framework which also includes the approved list. In addition there is a requirement of 8 Literacy credits at level 2 (or higher) plus 14 Numeracy credits at level 1 (or higher).

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

Subjects in **bold** are available at Paraparaumu College in 2009.

Tertiary Institutes currently offer a vast number and variety of courses. For some of these courses e.g. Health Sciences, Engineering, there are mandatory subjects that need to be studied at school. Others have suggested subjects that would be of benefit to students as they move through to tertiary studies. There is far too much data for it to be placed in this booklet but we will put these links onto the College web site (www.paraparaumucollege.school.nz) as they become available. Universities have web sites which also generate this information. If you are in doubt, please contact Mrs Browne, the Careers Advisor.

COURSES OF STUDY

Year 10

Students study English, Mathematics, Science, Social Studies, Physical Education, Health and TWO of the following optional subjects:

• Art	• Home Economics	• Te Reo Māori
• Economics	• Horticulture	• Music
• French	• Information Technology	• Performing Arts
• Graphics	• Japanese	• Technology (Materials or Textiles)

Note: Some Year 10 students may be invited to take Year 11 History or Geography in place of Year 10 Social Studies.

Year 11

All students take six courses of study. Each student's course must include a course in English, Mathematics and Science. All students will also take short courses in Health, Careers and Study Skills. Details of assessment and qualifications are listed with each subject. An NCEA Level 1 certificate requires 8 numeracy **and** 8 literacy credits.

Year 12

All students select 6 subjects, one of which must be an English course. Most students will select a course with no more than 5 subjects from lists A and B plus 1 subject from lists B and C.
Some students will be invited to select 6 subjects from list A. Any student who has difficulty in meeting the entry requirements for subjects in lists A and B could be invited to select more subjects from list C.

List A	List B	List C
• English • Te Reo Māori • French • Japanese • Mathematics • Biology • Chemistry • Physics • Horticulture • Physical Education • Music • Economics • Accounting • History • Geography • Graphics • Home Economics • Technology (Textiles) • Drama • Art • Art History • Information Technology • Health/Social Science • Dance	• English Literacy • Retailing • Science • Physical Sciences • Human Biology • Mathematics Applied • Travel and Tourism • Furniture Making • Technology (Hard Materials) • Food-Catering and Hospitality • Outdoor Education • Physical Recreation • Health/Lifeskills	• Sports Coaching and Leadership • Environmental Studies • Any Year 11 course subject to availability and discretion of HOD • Gateway

Year 13

In 2009, all students will take at least five courses of study leading to NCEA. All courses have internally assessed components. Details of assessment are listed with each subject. Multi-level courses are possible. There are no compulsory subjects.

All courses are subject to class numbers and staff availability. Some subjects may need to be taught through the Correspondence School.

COURSES 2009

Year 9	Year 10	Year 11	Year 12	Year 13
ENGLISH & LANGUAGES				
English	**English**	**English or English Literacy I**	**English or English Literacy II**	English English Literacy III
French	French	French	French	French
Te Reo Mãori	Te Reo Mãori	Te Reo Mãori	Te Reo Mãori	Te Reo Mãori
Japanese	Japanese	Japanese	Japanese	Japanese
MATHEMATICS				
Mathematics	**Mathematics**	**Mathematics or Mathematics Applied**	Mathematics Mathematics Applied	Mathematics/Calculus Statistics & Modelling
SCIENCE				
Science	**Science**	**Science**	Science Biology Chemistry Physics Human Biology Physical Sciences	Biology Chemistry Physics
Horticulture	Horticulture	Horticulture	Horticulture	Horticulture
SOCIAL SCIENCE & COMMERCE				
Economics	Economics	Economics Accounting	Economics Accounting	Economics Accounting
Social Studies	**Social Studies**	History Geography	History Geography Retailing Travel & Tourism Gateway Environmental Studies	History Geography Retailing Travel & Tourism Gateway
THE ARTS				
Art	Art	Art	Art Art History	Painting Photography Design Art History
Music or Performing Arts	Music Performing Arts	Music Drama Dance	Music Drama Dance	Music Drama Dance
TECHNOLOGY				
Information Technology	Information Technology	Information Technology	Information Technology (IT)	Information Technology (IT) Information Science
Home Economics	Home Economics	Home Economics	Home Economics Food-Catering and Hospitality	Home Economics Food-Catering and Hospitality
Graphics Technology (Textiles) or Technology (Materials)	Graphics Technology (Textiles) or Technology (Materials)	Graphics Technology (Textiles) or Technology Materials Wood or Metal	Graphics Technology (Textiles) or Technology Materials Wood/Furniture or Metal	Graphics Technology (Textiles) or Technology Materials Wood/Furniture or Metal
HEALTH, PHYSICAL EDUCATION & SPORT				
Physical Education	**Physical Education**	Physical Education Physical Recreation Outdoor Education	Physical Education Physical Recreation Outdoor Education	Physical Education Outdoor Education
Health	**Health**	Health/Social Science Health/Lifeskills	Health/Social Science Health/Lifeskills Sports Coaching/Leadership	Health/Social Science Sports Management

Compulsory Subjects are in bold

ENGLISH YEAR 10 EN1001

ENTRY REQUIREMENTS
Level 4 average at Year 9, or at the discretion of the Asst. HOD

LENGTH OF COURSE
Full Year
The course is divided into 8 five week units.

AIM
Students should be able to understand ideas or information they receive through the skills of listening, reading and viewing. They should be able to create meaning for themselves or others through the skills of speaking, writing and presenting.

COURSE DESCRIPTION
The course is based on the document 'The New Zealand Curriculum'. Students will cover a range of units:

- Novel
- Short Stories
- Poetry
- Drama
- Film Study or Video Production
- Media
- Non-fiction
- Speeches
- Debating

SKILLS ACQUIRED

- Reading
- Writing
- Speaking
- Listening
- Viewing
- Presenting

ASSESSMENT
100% Internal Assessment consisting of:

- End of unit tests and assignments
- Beginning & mid-year asTTle and PAT tests
- End of year examination

NCEA Level 1 English
AS1.7 Deliver a speech in a formal situation 3 credits Int
AS1.8 Produce a media or dramatic presentation 3 credits Int

COURSE COST: A grammar write-on text book $10.00

ENGLISH Alternative Course YEAR 10 EN1002

ENTRY REQUIREMENTS
Level 3 or below average at Year 9, or at the discretion of the Asst. HOD

LENGTH OF COURSE
Students will enter or leave this course on the recommendation of the class teacher, based on the progress made.

AIM
Students should be able to increasingly understand ideas or information they receive through the skills of listening, reading and viewing. They should be able to create meaning for themselves or others through the skills of speaking, writing and presenting.

COURSE DESCRIPTION
The course is based on the document 'The New Zealand Curriculum'. Students will cover a range of units:

- Novel
- Short Stories
- Poetry
- Drama
- Film Study
- Media
- Non-fiction
- Speeches

Throughout these units there will be a specific focus on improving the skills of reading and writing. Students will have support and individual guidance.

SKILLS ACQUIRED

- Reading
- Writing
- Speaking
- Listening
- Viewing
- Presenting

ASSESSMENT
100% internal assessment consisting of:

- End of unit tests and assignments
- Beginning & mid-year asTTle and PAT tests
- End of year examination

NCEA Level 1 English
AS 1.7 Deliver a speech in a formal situation 3 credits Int
AS 1.8 Produce a media or dramatic presentation 3 credits Int

COURSE COST: A grammar write-on text book $10.00

ENGLISH Extension YEAR 10 EN1003

ENTRY REQUIREMENTS
Level 5A or above average in Year 9, at the discretion of the Asst. HOD

LENGTH OF COURSE
Full Year The course is divided into 8 five week units.

AIM
Students should begin to analyse ideas or information they receive through the skills of listening, reading and viewing. They should begin to craft and develop meaning for themselves or others through the skills of speaking, writing and presenting.

COURSE DESCRIPTION
The course is based on the document 'The New Zealand Curriculum'. Students will cover a range of units:

- Novel
- Short Stories
- Poetry
- Drama
- Film Study or Video Production
- Media
- Non-fiction
- Speeches
- Debating

SKILLS ACQUIRED

- Reading
- Writing
- Speaking
- Listening
- Viewing
- Presenting

ASSESSMENT
100% internal assessment consisting of:

- End of unit tests and assignments
- Beginning & mid-year asTTle and PAT tests
- End of year examination

NCEA Level 1 English

AS 1.7	Deliver a speech in a formal situation	3 credits	Int
AS 1.8	Produce a media or dramatic presentation	3 credits	Int
US8812	Transactional writing	3 credits	Int

COURSE COST: A grammar write-on text book $10.00

ENGLISH YEAR 11 EN1101

ENTRY REQUIREMENTS
Level 5 or above in Year 10

LENGTH OF COURSE
Full Year

AIM
Students should begin to analyse ideas or information they receive through the skills of listening, reading and viewing. They should begin to craft and develop meaning for themselves or others through the skills of speaking, writing and presenting.

COURSE DESCRIPTION
This is a largely Achievement Standard based course in which 27 credits are available. Of these, 6 were covered at the end of Yr 10 in speech and static image. There will be re-sit opportunities for these standards in Yr 11, for students who did not gain them or were not at the school in Yr 10. Internally, 9 credits can be gained in Yr 11 in creative writing, research and wide reading,. A further 12 credits are available externally, in the final examinations, in novel/drama, short stories/poetry, film and unfamiliar texts.

Students are required to gain 8 credits in English at Level 1 to be able to pass the NCEA Level 1 Certificate.

SKILLS ACQUIRED

- Reading
- Writing
- Speaking
- Listening
- Viewing
- Presenting

ASSESSMENT
Achievement Standards

1.1	Creative writing		3 credits Int
1.2	Formal writing		3 credits Ext
1.3	Extended Written Text		2 credits Ext
1.4	Short Written Texts		2 credits Ext
1.5	Visual or Oral Text		2 credits Ext
1.6	Unfamiliar Texts		3 credits Ext
1.7	Speech	(Year 10/11)	3 credits Int
1.8	Media Presentation	(Year 10/11)	3 credits Int
1.9	Research		3 credits Int

Unit Standard

8808	Wide Reading	3 credits Int

QUALIFICATIONS
NCEA Achievement Standards Level 1and./or Unit Standards Level 1
Literacy Level 1 – any 8 credits from the course

ENGLISH - Literacy Level 1 YEAR 11 EN1102

ENTRY REQUIREMENTS
Level 4 or below in Year 10
Recommendation from Year 10 Teacher

LENGTH OF COURSE
Full Year

AIM
Students should be able to understand ideas or information they receive through the skills of listening, reading and viewing. They should be able to create meaning for themselves or others through the skills of speaking, writing and presenting.

COURSE DESCRIPTION
This is a largely Unit Standard based course in which 36 credits are available. Of these, 6 were covered at the end of Yr 10 in speech and static image. There will be a re-sit opportunities for these standards in Yr 11, for students who did not gain them or were not at the school in Yr 10. Internally, 31 credits can be gained in Yr 11 in a variety of tasks. A further 5 credits are available externally, in the final examinations, in a film, essay and response to unfamiliar texts.

Students are required to gain 8 credits in English at Level 1 to be able to pass the NCEA Level 1 Certificate.

SKILLS ACQUIRED
- Reading
- Writing
- Speaking
- Listening
- Viewing
- Presenting

ASSESSMENT
Unit Standards

8808	Wide reading		3 credits Int
8810	Wide viewing		2 credits Int
8811	Research		3 credits Int
8812	Transactional Writing		4 credits Int
8813	Poetic Writing		4 credits Int
12412	Close reading poetic text		3 credits Int
12415	Moving Images		3 credits Int
12416	Explore static images		3 credits Int

Achievement Standards

1.5	Visual or oral text		2 credits Ext
1.6	Unfamiliar texts		3 credits Ext
1.7	Speech	(Yr 10/11)	3 credits Int
1.8	Media Presentation	(Yr 10/11)	3 credits Int

QUALIFICATIONS
NCEA English Unit and Achievement Standard credits at Level 1
Literacy Level 1 – any 8 credits from the course

ENGLISH YEAR 12 EN1201

ENTRY REQUIREMENTS
14 credits from Year 11 English
8 credits of the 14 credits required must be achieved in external assessment, or at the discretion of the HOD.

LENGTH OF COURSE
Full Year.

AIM
Students should be able to analyse ideas or information they receive through the skills of listening, reading and viewing. They should be able to craft and develop meaning for themselves or others through the skills of speaking, writing and presenting.

COURSE DESCRIPTION
This is a largely Achievement standard based course in which 28 credits are available. Internally, 16 credits can be gained in creative writing, transactional writing, oral presentation, language research and reading transactional texts closely. A further 12 credits are available externally, in the final examinations, in novel/drama, short stories/poetry, film and unfamiliar texts.

SKILLS ACQUIRED
- Reading
- Writing
- Speaking
- Listening
- Viewing
- Presenting

ASSESSMENT
Achievement Standards

2.1	Creative Writing	3 credits Int
2.2	Formal Writing	3 credits Int
2.3	Extended Written Texts	3 credits Ext
2.4	Short Written Texts	3 credits Ext
2.5	Visual or Oral text	3 credits Ext
2.6	Unfamiliar Texts	3 credits Ext
2.7	Oral Presentation	3 credits Int
2.8	Language Research	3 credits Int

Unit Standard

12420	Close Reading	4 credits Int

QUALIFICATIONS
NCEA English Achievement and Unit Standards credits Level 2

Literacy Level 2 – 4 writing credits and 4 reading credits

ENGLISH – Literacy Level 2 YEAR 12 EN1202

ENTRY REQUIREMENTS
Fewer than 14 credits from Year 11.

LENGTH OF COURSE
Full Year.

AIM
Students should be able to analyse ideas or information they receive through the skills of listening, reading and viewing. They should be able to craft and develop meaning for themselves or others through the skills of speaking, writing and presenting.

COURSE DESCRIPTION
This is a largely Unit Standard based course in which 28 credits are available. Internally 22 credits can be gained in Yr 12 in transactional writing, creative writing, wide reading and close reading and viewing. A further 6 credits are available externally, in the final examinations, in the form of a film essay and response to unfamiliar texts.

Students require 8 Level 1 English credits to pass NCEA Level 1, and require 4 Level 2 writing credits in English to gain entry to tertiary courses (Polytechnic or University). This course enables students to gain Level 1 and Level 2 credits.

SKILLS ACQUIRED
- Reading
- Writing
- Speaking
- Listening
- Viewing
- Presenting

ASSESSMENT
This course offers a range of Level 2 Unit and Achievement Standards. Where a student does not meet the requirements for Level 2, their work may be judged against the Level 1 criteria.

Unit Standards

8825	Produce transactional written text	5 credits Int
12419	Read poetic written text closely	4 credits Int
12420	Read transactional written text closely	4 credits Int
12424	Moving Images	3 credits Int
12905	Wide Reading	3 credits Int

Achievement Standards

2.1 Creative Writing	3 credits Int
2.5 Oral or Visual Text	3 credits Ext
2.6 Unfamiliar Texts	3 credits Ext

QUALIFICATIONS
NCEA Unit and Achievement Standards at Levels 1 or 2

Literacy Level 2 - 4 writing credits and 4 reading credits

ENGLISH YEAR 13 EN1301

ENTRY REQUIREMENTS
15 Achievement Standard credits at Level 2 including the required 8 Literacy credits

LENGTH OF COURSE
Full Year.

AIM
Students should be able to critically analyse ideas or information they receive through the skills of listening, reading and viewing. They should be able to effectively craft and develop meaning for themselves or others through the skills of speaking, writing and presenting.

COURSE DESCRIPTION
This is an Achievement Standard based course in which 24 credits are available. Internally, 12 credits can be gained in extended writing, oral presentation, and literary research. A further 12 credits are available externally, in the final examinations, in written texts, Shakespearean drama, film and unfamiliar texts. Extension scholarship work is also available for interested candidates.

SKILLS ACQUIRED
- Reading
- Writing
- Speaking
- Listening
- Viewing
- Presenting

ASSESSMENT
Achievement Standards

3.1 Column Writing	4 credits Int
3.2 Written Text	3 credits Ext
3.3 Shakespearean Drama	3 credits Ext
3.4 Visual or Oral Text	3 credits Ext
3.5 Unfamiliar Texts	3 credits Ext
3.6 Oral Presentation	4 credits Int
3.7 Literary Research	4 credits Int
Scholarship	External

QUALIFICATIONS:
NCEA English Achievement Standard credits at Level 3
Scholarship English

ENGLISH – Literacy Level 3 YEAR 13 EN1302

ENTRY REQUIREMENTS
Fewer than 15 Achievement Standard credits at Level 2.
Students requiring Language communication skills for Tertiary Study

LENGTH OF COURSE
Full Year.

AIM
Students should be able to critically analyse ideas or information they receive through the skills of listening, reading and viewing. They should be able to effectively craft and develop meaning for themselves or others through the skills of speaking, writing and presenting.

COURSE DESCRIPTION
The course develops language skills in English, with a particular focus on reading and writing transactional tests. Its aim is to prepare students for workplace environments and/or further study. This course presents work at Level 3 of NCEA – a challenging level. Consistent effort and application will be needed to succeed.

Where students do not reach a Level 3 standard, their work may be marked against the Level 2 criteria. Students require 4 Level 2 reading and 4 Level 2 writing credits in English to gain entry to tertiary courses (Polytechnic or University). This course enables students to gain the Level 2 credits required.

This course is comprised of four challenging Unit Standards. Students will read and respond to transactional texts, craft four pieces of writing, respond to poetic texts, and complete a theme study. There are 20 Level 3 credits available in the course. Where the work does not reach a Level 3 standard, students may be able to gain Level 2 credits.

SKILLS ACQUIRED
- Reading
- Writing
- Speaking
- Listening
- Viewing
- Presenting

ASSESSMENT
Unit Standards

8834	Theme Study	6 credits	Int
8835	Transactional Writing	6 credits	Int
12428	Read transactional texts closely	4 credits	Int
12427	Read poetic texts closely	4 credits	Int

QUALIFICATIONS
NCEA Unit and Achievement Standards at Levels 2 and 3
Literacy Level 2 - 4 writing credits and 4 reading credits

ENGLISH –Media Studies YEAR 13 EN1303

ENTRY REQUIREMENTS
Literacy Level 2, or at the discretion of the HOD English

LENGTH OF COURSE
Full Year.

AIM
Students should be able to understand the role the media play in modern society, how media products are constructed, and the effect that the media have on New Zealand society. Students will be expected to explore texts and processes, complete research into a specific media area and create original media products.

COURSE DESCRIPTION
Students will study a number of television advertisements, films and newspaper and magazine articles. Different genre will be examined. Students will plan, script, film and edit short films which may be entered into national competitions as well as assessed for NCEA credits. There will be a mix of in-class and homework assignments with the video production assignment being a likely out-of-class task. There are 24 credits available in the course, 16 are internal and 8 are external.

SKILLS ACQUIRED
- Written skills
- Oral skills
- Analytical and discrimination skills
- Visual literacy
- Comprehension and critical analysis skills
- Short film planning, filming, editing skills

ASSESSMENT

3.1	Demonstrate understanding of a media industry	4 credits	Ext
3.2	Explain how meaning is created in media texts	4 credit	Int
3.3	Explain relationship between a media genre & society	4 credits	Ext
3.4	Concept and treatment for a media product	2 credits	Int
3.5	Create a media product	6 credit	Int
3.6	Investigate an aspect of media	4 credits	Int

QUALIFICATIONS
NCEA Achievement Standards at Level 3

FRENCH YEAR 10 FR1001

ENTRY REQUIREMENTS
Satisfactory completion of Year 9 French (or at the discretion of the HOD)

LENGTH OF COURSE
Full Year

AIM
Listening, speaking, reading and writing skills are all developed further, as is the students' understanding of the French way of life, through the topics studied.

COURSE DESCRIPTION (Survival Skills)
Includes such topics as:

- Going shopping
- Eating out
- School and daily routine
- Describing your home and town
- Describing people

ASSESSMENT
Speaking, listening, reading & writing tests
Examination (end of year)

FRENCH YEAR 11 FR1101

ENTRY REQUIREMENTS
Satisfactory completion of Year 10 French.

LENGTH OF COURSE
Full Year

AIM
To reinforce and extend the students' competence in all language skills areas and to further their cultural understanding.

COURSE DESCRIPTION (Social Competence)
Includes such topics as:

- Holidays and Travel
- Sport and leisure
- Eating and drinking out
- Family and Friends
- Health
- One's country
- Social Arrangements

ASSESSMENT
15 credits externally assessed & 9 credits internally assessed

QUALIFICATIONS:
The following NCEA Achievement Standards will be offered.

1.1 Listen to and understand simple spoken French in familiar contexts
1.2 Deliver a prepared talk in simple French on a familiar topic
1.3 Converse in simple French in a familiar context
1.4 Read and understand simple written language in French in familiar contexts
1.5 Write text in simple French on a familiar topic
1.6 Write crafted text in simple French on a familiar topic, with the support of resources

COURSE COST: None, but optional:

- French magazines ($25 approx)
- Renash Revision booklet ($18 approx)

FRENCH YEAR 12 FR1201

ENTRY REQUIREMENTS
At least 15 credits at Level 1 French NCEA or at the discretion of the HOD.

LENGTH OF COURSE
Full year.

AIMS
To reinforce and extend the students' competence in all language skills areas and to further their cultural understanding.

COURSE DESCRIPTION (Personal Independence)
This will include such topical issues as:

- Latest trends
- Leisure
- Health Issues
- Young people
- Work
- French-speaking world

ASSESSMENT:
9 credits are internally assessed & 15 are externally assessed.

QUALIFICATIONS
The following NCEA Achievement Standards will be offered.

2.1 Listen to and understand spoken French in less familiar contexts
2.2 Give a prepared spoken presentation in French on a less familiar topic
2.3 Converse in French in a less familiar context
2.4 Read and understand written language in French in less familiar contexts
2.5 Write text in French on a less familiar topic
2.6 Produce crafted writing in French on a less familiar topic, with the support of resources

COURSE COST: None, but optional:

- French magazines ($25 approx)
- Renash Revision booklet ($18 approx)

FRENCH YEAR 13 FR1301

ENTRY REQUIREMENTS
At least 15 credits at Level 2 French NCEA or at the discretion of the HOD.

LENGTH OF COURSE
Full year.

AIMS
To reinforce and extend the students' competence in all language skills areas and to further their cultural understanding.

COURSE DESCRIPTION (Personal Independence)
This will include such topical issues as:

- The environment
- Education and the Future
- The Media
- Technology
- Current Events
- A study of a work of literature
- Film Study

ASSESSMENT
9 credits will be internally assessed and 15 externally assessed

QUALIFICATIONS
NCEA Level 3

3.1 Listen to and understand complex spoken French in less familiar contexts
3.2 Give a prepared speech in French using complex language.
3.3 Converse in French using complex language, in less familiar contexts
3.4 Read and understand written French containing complex language, in less familiar contexts
3.5 Write text in French using complex language on a less familiar topic
3.6 Write crafted text in French using complex language with the support of resources

COURSE COST: None, but optional:

- French magazines ($25 approx)
- Renash Revision booklet ($18 approx)

JAPANESE YEAR 10 JP1001

ENTRY REQUIREMENTS
Satisfactory completion of Year 9 Japanese

LENGTH OF COURSE
Full Year – 3 hrs per week

AIM
To develop fluency in reading and writing of Japanese scripts and extend basic language skills through exposure to different language topics.

COURSE DESCRIPTION

- Reading and writing of katakana (second phonetic alphabet)
- Reading and writing of kanji (Chinese characters)
- Sport
- Weather
- Describing people
- Health
- Zoo
- Family
- Eating/Drinking

SKILLS ACQUIRED
Listening and reading carefully to elicit information.
Express oneself clearly in writing and speaking.

ASSESSMENT
Unit tests
Year 10 exam

JAPANESE YEAR 11 JP1101

ENTRY REQUIREMENTS
Satisfactory completion of Year 10 Japanese or at the discretion of the HOD.

LENGTH OF COURSE
Full Year – 4 hrs per week

AIM
To consolidate the four skills of reading, writing, listening and speaking so that students develop fluency in communication.

COURSE DESCRIPTION

- Reading and writing of kanji (Chinese characters)
- School
- Home
- Town
- Travel
- Shopping

ASSESSMENT
NCEA Level One
9 credits will be internally assessed
15 credits will be externally assessed

QUALIFICATIONS
NCEA Level One

1.1 Listen to and understand spoken language in Japanese in familiar contexts
1.2 Deliver a prepared talk in Japanese on a familiar topic
1.3 Converse in Japanese in a familiar context
1.4 Read and understand written language in familiar contexts
1.5 Write text in Japanese on a familiar topic
1.6 Write crafted text in Japanese on a familiar topic, with the support of resources.

JAPANESE YEAR 12 JP1201

ENTRY REQUIREMENTS
At least 15 credits at Level 1 Japanese or at the discretion of the HOD.

LENGTH OF COURSE
Full year – 4 hrs per week

AIM
To extend students' language skills in reading, writing, listening and speaking in unfamiliar situations.

COURSE DESCRIPTION
- Family life
- Eating and drinking
- School system
- Leisure activities

SKILLS ACQUIRED
Increased understanding of communication functions and knowledge of socio-cultural aspects of Japanese.

ASSESSMENT:
NCEA Level 2
9 credits internally assessed and 15 credits externally assessed

QUALIFICATIONS
NCEA Level Two
2.1 Listen to and understand spoken language in Japanese in less familiar contexts
2.2 Give a prepared spoken presentation in Japanese on a less familiar topic
2.3 Converse in Japanese in a less familiar context
2.4 Read and understand written language in less familiar contexts
2.5 Write text in Japanese on a less familiar topic
2.6 Produce crafted writing in Japanese on a less familiar topic, with the support of resources

JAPANESE YEAR 13 JP1301

ENTRY REQUIREMENTS
At least 15 credits at Level 2 Japanese or at the discretion of HOD.

LENGTH OF COURSE
Full Year – 4 hours per week

AIM
To further vocabulary base and Japanese character recognition, and consolidate and extend skills in reading, writing, listening and speaking to develop fluency in communicating in unfamiliar situations.

COURSE DESCRIPTION
- Land and people
- Travel and tourism
- Japan at work
- Communications and the media

SKILLS ACQUIRED
Extended language skills within the topics covered.

QUALIFICATIONS
NCEA Level 3
9 credits will be internally assessed 15 credits externally assessed
3.1 Listen to and understand complex spoken Japanese in less familiar contexts
3.2 Give a prepared speech in Japanese using complex language
3.3 Converse in Japanese using complex language in less familiar contexts.
3.4 Read and understand written Japanese containing complex language, in less familiar contexts
3.5 Write text in Japanese using complex language on a less familiar topic
3.6 Write crafted text in Japanese, using complex language, with the support of resources.

TE REO MÃORI YEAR 10 'Te Weu' TR1001

ENTRY REQUIREMENTS
Te Reo Māori at Year 9 level or at the discretion of the HOD/TIC.

LENGTH OF COURSE
Full Year

AIM
To further develop basic skills from Year 9 course.

COURSE DESCRIPTION
Topics include:
- Basic Language Structures and Grammar
- Whanau Whanui
- Te Kura
- Te Kainga
- Tangata Rongonui
- Nga Mahi Kaingakautia
- Te Māori

SKILLS ACQUIRED
Oral, written and research skills

ASSESSMENT
Book work and oral tasks assessed

QUALIFICATION
Unit Standard 7269

TE REO MÃORI YEAR 11 'Te More' TR1101

ENTRY REQUIREMENTS
Te Reo Māori at year 10 level or students from Bilingual or Immersion Māori programmes or at the discretion of the HOD/TIC.

LENGTH OF COURSE
Full Year
AIM
To further develop written and oral language skills.

COURSE DESCRIPTION & QUALIFICATIONS
A thematic approach is used to enhance the productive and receptive skills of the student.
Themes include:

- Ngã Mahi o Neherã
- Kōrero Purākau
- Whakapapa
- Ngã Tohutohu
- Ngã Mea Kaingākautia
- Ngã Tupuna Māori
- E Tipu e Rea

SKILLS ACQUIRED
Listening, written and oral skills.

ASSESSMENT
100% internal

QUALIFICATION
Te Reo Māori Unit Standards: 20 credits

Level 1		Credits
7257	Whakamahi i nga tikanga tuhituhi	3
7261	Tohu i nga whakautu	3
7265	Pānui tuhinga hei whakaatu i ngã hanga kōrero	3
7269	Whakarite mihi kit e tangata	3
16039	Describe a Māori version of te timatanga o te ao	2
16040	Describe different atua and their deeds	4
Level 2		
16166	Explain key concepts and practices associated with powhiri	2
A.S. 90131	Whakarongo i te reo o tona ao	
A.S. 90132	Korero i te reo o tona ao	
A.S. 90133	Panui i te reo o tona ao	
A.S. 90134	Tuhituhi i t reo o tona ao	

TE REO MÃORI YEAR 12 'Te Aka' TR1201

ENTRY REQUIREMENTS
Minimum 12 credits from Level 1 Te Reo Māori Unit Standards or at the discretion of the HOD

LENGTH OF COURSE
Full year.

WHAINGA AKO / LEARNING OUTCOMES
By the end of the year students will have:

1. Developed further their listening, speaking, reading and writing competence in Te Reo Māori
2. Extended their vocabulary in Te Reo Māori
3. Developed the confidence to speak Māori on the marae, in general conversation and in the classroom

Purākau/Ngã kōrero o neherã

4. An understanding of Māori legends, their meanings and purpose
5. Retold purakau in own words. Either in Māori or English

Whaikōrero

6. A working knowledge of the format and function of Whaikorero
7. Delivered a whaikorero in front of an audience

Hui/Tangihana/Te Marae

8. Organised a gathering from beginning to end
9. Demonstrated knowledge and understanding of the workings of a Hui

Ngã taonga Māori

10. Developed research skills
11. Presented material about chosen waiata-a-ringa/haka to an acceptable standard

QUALIFICATION
Te Reo Māori Level 2 Unit Standards:

		Credits
7258	Tito kōrero poto mō ngã take mai i ngã kōrero	5
7262	Tohu whakapuaki poto mō ngã take whānui	7
7266	Pānui rārangi tuhinga mō ngã take o te wã.	5
7270	Kōrero i ngã take mōna me ãna painga mã te hua noa mai	7
A.S. 90441	Panui i te reo o tona ao mohio	
A.S. 90770	Tuhituhi i te reo o tona ao mohio	

TE REO MÃORI YEAR 13 'Te Atea' TR1301

ENTRY REQUIREMENTS
12 credits at Level 2 NCEA or at the discretion of the HOD

LENGTH OF COURSE
Full Year
AIM
To further develop written and oral language skills.

COURSE DESCRIPTION
Thematic approach is used to enhance the productive and receptive skills of the student.
Themes include:

- Te Ao Hurihuri
- Ngã Mahi-ã-ringa
- Mōteatea
- Ngã korero O Neherã (the deeds of our ancestors in Hawaiki)
- Te Tiriti O Waitangi (its significance from 1940 to 1975)
- Ngã Whakapono (religious beliefs before the arrival of the European)

SKILL ACQUIRED
Listening, comprehension, written and oral skills

ASSESSMENT
100% internal

QUALIFICATION

Unit Standards Level 3		Credits
7259	Tuhi kōrero kia hāngai ki tetahi kaupapa	7
7263	Whakamārama i ngã korero o te wã	11
7267	Tãtari haere i ngã kupu tauhou o tetahi tuhinga	7
7271	Kōrero i etahi whakaaro mō ngã rongo	11
A.S. 90781	Panui kia whai maramatanga i te reo o te ao whanui	
A.S. 90782	Whakaoti tuhinga okawa i te reo o te ao whanui	

MATHEMATICS YEAR 10 MA1001

AIM
- To develop skills, understanding and attitudes that will enable students to cope with Mathematics in everyday life.
- To help students achieve mathematical competence.
- To prepare students for the mathematical requirements of future studies and/or vocations.

COURSE DESRIPTION
The topics covered include:
- Number
- Measurement
- Statistics
- Algebra
- Geometry
- Problem solving

SKILLS ACQUIRED
- Numeracy
- Spatial perception
- Generalisation
- Mathematical language
- Analysis, presentation and communication of information
- Problem Solving
- Critical thinking

A scientific calculator is essential for these courses.

Students will be assessed for Achievement Standards 90149 (Measurement) along with a selection of Unit Standards during the Year 10 Course.

MATHEMATICS YEAR 11 MA1101

ENTRY REQUIREMENTS
Suitable performance in the Year 10 Examination or less than 14 credits at Level 1 last year.

LENGTH OF COURSE
Full year

AIM
- To develop the mathematical skills needed by students for employment or to enter the Level 2 programs.
- To enhance students problem solving skills.
- To encourage students to develop a continuing creative interest in Mathematics.

COURSE DESCRIPTION
The six strands are:
- Mathematical processes
- Number
- Geometry
- Statistics
- Algebra
- Measurement

SKILLS ACQUIRED
- Numeracy
- Spatial perception
- Generalisation
- Mathematical language
- Collection, analysis, presentation and communication of information
- Problem solving
- Critical thinking

ASSESSMENT
8 credits are internally assessed and 16 credits are externally assessed. Some external Achievement Standards may be replaced by equivalent internal Unit Standards.

QUALIFICATIONS
The following Achievement Standards are offered in this course:

90147	Use straight forward algebraic methods and solve equations
90148	Sketch and interpret linear and quadratic graphs
90151	Solve straightforward number problems in context
90152	Solve right angled triangle problems
90153	Use geometric reasoning to solve problems
90193	Use straightforward statistical methods to explore data. (IA)
90194	Determine probabilities.

(IA) = Internally Assessed

MATHEMATICS - Applied YEAR 11 MA1102

ENTRY REQUIREMENTS
Recommendation of Year 10 teacher.

LENGTH OF COURSE
Full year

AIM
- To develop the mathematical skills needed by students for employment and everyday life.
- To enhance students' problem solving skills.
- To encourage students' to develop a continuing confidence with number and measurement.

COURSE DESCRIPTION
The six strands are:
- Mathematical processes
- Number
- Geometry
- Statistics
- Algebra
- Measurement

SKILLS ACQUIRED
- Numeracy
- Spatial perception
- Generalisation
- Mathematical language
- Collection, analysis, presentation and communication of information
- Problem solving
- Critical thinking

ASSESSMENT
All internally assessed.
Up to 24 Level 1 credits available in this course.

QUALIFICATIONS
Some or all of the following Unit/Achievement Standards are offered in this course:

5223	Use of formulae and equations
5224	Use of decimals and percentages
5225	Use fractions, ratios and proportion
5226	Construct tables and graphs
5227	Time and money
5229	Describe situations using transformations
5230	Plan, implement and analyse an investigation
5231	Use constructions and draw 3D objects
5232	Determine probabilities
8489	Solve problems using whole numbers
8490	Solve problems using decimals, fractions and percentages
8491	Read and interpret tables and graphs
90150	Geometry

MATHEMATICS YEAR 12 MA1201

ENTRY REQUIREMENTS
Must gain Achieved or better in Level 1 Algebra (90147) plus any other three External Level 1 Mathematics Achievement Standards. If this prerequisite is not met in External examinations, exemption may only be considered based upon results of Term Three school examination.

LENGTH OF COURSE
Full year.

AIM
- To develop the mathematical skills needed by students for employment or entry to Level 3 programmes
- To introduce students to Calculus
- To advance students' problem solving and communication skills

COURSE DESRIPTION.
The topics covered include:
- Algebra
- Coordinate Geometry
- Statistics
- Trigonometry
- Calculus

SKILLS ACQUIRED
- Generalisation
- Mathematical language
- Analysis, presentation and communication of information
- Problem Solving
- Critical thinking

ASSESSMENT
5 credits internally assessed and 16 credits externally assessed. Some external Achievement Standards may be replaced with internal Unit Standards.

QUALIFICATIONS
The following Achievement Standards are offered in this course:

90284	Algebraic expressions	
90285	Non-linear graphs	
90286	Calculus	
90287	Coordinate geometry	
90288	Statistics	(Internally Assessed)
90289	Probability	(Internally Assessed)
90290	Sequences	
90292	Trigonometric Equations	

Students are expected to be capable of gaining these standards at Merit or Excellence level.

MATHEMATICS YEAR 12 MA1202

ENTRY REQUIREMENTS
Must gain Achieved or better in any four Level 1 Mathematics Achievement Standards, three of which must be External. If this prerequisite is not met, exemption may only be considered based upon results of Term Three school examination.

LENGTH OF COURSE
Full year.

AIM
- To develop the mathematical skills needed by students for employment or entry to Level 3 Statistics
- To introduce students to Calculus
- To advance students' problem solving and communication skills

COURSE DESRIPTION.
The topics covered include:
- Level 1 and some Level 2 Algebra
- Coordinate Geometry
- Statistics
- Trigonometry
- Calculus

SKILLS ACQUIRED
- Generalisation
- Mathematical language
- Analysis, presentation and communication of information
- Problem Solving
- Critical thinking

ASSESSMENT
5 credits internally assessed and 16 credits externally assessed. Some external Achievement Standards may be replaced with internal Unit Standards.

QUALIFICATIONS
The following Achievement Standards are offered in this course:

90147	Algebraic Methods & Equations	
90285	Non-linear graphs	
90286	Calculus	
90287	Coordinate geometry	
90288	Statistics	(Internally Assessed)
90289	Probability	(Internally Assessed)
90290	Sequences	
90292	Trigonometric Equations	

MATHEMATICS - Applied YEARS 12/13 MA12/1303

ENTRY REQUIREMENTS
14 NCEA Level 1 Mathematics credits
Open entry to Year 13 students

LENGTH OF COURSE
Full year.

AIM
- To provide students with a real world view of Mathematics
- To develop life skills necessary to cope with life after College
- To help students develop confidence with Mathematics
- To experience real world Mathematics

ASSESSMENT
This course is comprised of Level 1 & Level 2 Unit Standards from both the Mathematics and Transition fields. At least 20 Credits at NCEA Level 1and 2 will be available for students taking this course.

MATHEMATICS – With Calculus YEAR 13 MA1301

ENTRY REQUIREMENTS
90284 Algebraic Expressions (no exemptions)
Plus two of the following standards:
90285 Non-linear graphs
90286 Calculus
90292 Trigonometric Equations

LENGTH OF COURSE
Full year.

AIM
- To develop the mathematical skills needed by students for further study in the Physical sciences and Engineering
- To enhance students confidence in the application of mathematical concepts
- To encourage students to develop a continuing confidence with number and measurement

COURSE DESCRIPTION
The topics covered include:
- Differentiation
- Integration
- Differential equations
- Conics
- Trigonometry
- Complex numbers

SKILLS ACQUIRED
- Generalisation
- Mathematical language
- Analysis, presentation and communication of information
- Problem solving
- Critical thinking

ASSESSMENT
4 credits internally assessed and 20 credits externally assessed

QUALIFICATIONS
The following Achievement Standards are offered in this course:
90635 Differentiation
90636 Integration
90637 Trigonometry (IA)
90638 Algebra
90639 Conic sections

The following 14 credits are offered in parallel Unit Standards
5265 Differentiate Functions (IA)
5266 Algebra: Use complex numbers to solve problems (IA)
20905 Use calculus to solve problems in integration (IA)

(IA) = Internally Assessed

STATISTICS & MODELLING YEAR 13 MA1302

ENTRY REQUIREMENTS
90147 Level 1 Algebraic Expressions in addition to 12 credits or better at Level 2 Mathematics including:
90288 Statistics (Internally Assessed)
90289 Probability (Internally Assessed)

LENGTH OF COURSE
Full year.

AIM
- To develop the mathematical skills needed by students for tertiary study in areas such as the Biological and Social Sciences and Commerce
- To enhance students' confidence in the application of mathematical concepts
- To encourage students to develop a continuing confidence with number and measurement

COURSE DESRIPTION.
The topics covered include:
- Statistics
- Probability
- Algebra
- Mathematical modelling

This course was formerly called Mathematics with Statistics

SKILLS ACQUIRED
- Numeracy
- Spatial perception
- Generalisation
- Mathematical language
- Analysis, presentation and communication of information
- Problem solving
- Critical thinking

ASSESSMENT
9 credits internally assessed and 15 credits externally assessed

QUALIFICATION
The following Achievement Standards are offered in this course:
90641 Time Series (IA)
90642 Sampling and confidence intervals
90643 Probability theory
90644 Solving equations
90645 Statistical investigation (IA)
90646 Probability distribution models
90647 Mathematical models (IA)

(IA) = Internally Assessed

BIOLOGY YEAR 12 BI1201

ENTRY REQUIREMENTS
Competence & completion of NCEA Level 1 Science, achieving at least 14 credits, 10 of which should be from external assessment and include 5 credits from the Biology Standards at Level 1.

To students who do not fulfil these requirements, provisional entry to Level 2 course may be granted by the HOD.

LENGTH OF COURSE
Full year

AIMS
To develop and investigate an understanding of:

- Diversity, structure, function and inter-relationships of living organisms, and their interactions with the abiotic environment
- Genetics & evolution
- Interactions between humans and their environment, and how these are influenced by developments in biological knowledge and technology

SKILLS ACQUIRED

- Focusing & planning
- Information gathering
- Processing & interpreting information
- Reporting

COURSE DESCRIPTION
Topics include:

- Ecology
- Cell Biology
- Contemporary issues in Biology
- Genetics & Evolution
- Evolution of NZ Plants & Animals
- Animal Biology

QUALIFICATIONS
The following Achievement Standards will be offered this year.

2.1 Carry out a practical biological investigation with supervision
2.2 Research the interaction between humans and an aspect of Biology
2.3 Describe genetic variation and change
2.4 Investigate an interrelationship or pattern in an ecological Population or community
2.5 Describe concepts and processes relating to ecology
2.6 Describe diversity in the structure & function of animals
2.8 Describe cell structure & function
SC2.3 Evolution of New Zealand's Plants & Animals
We may offer some Unit Standards in 2009

ASSESSMENT
Internally assessed: 2.1 2.2 2.4
Externally assessed: 2.3 2.5 2.6 2.8 SC2.3

COURSE COSTS:
Students are expected to purchase a copy of the Biozone Course Manual ($22). Field Trips (approx $10).

HUMAN BIOLOGY YEAR 12 BI1202

ENTRY REQUIREMENTS
Students taking this course will have achieved 8-13 credits in Level 1 Science standards.
Restriction: Cannot take BI1202 with SC1201 or BI1201

LENGTH OF COURSE
Full Year

AIMS
To develop and investigate an understanding of the structure and function of Humans.

COURSE DESCRIPTION
This course is designed for students who do not qualify for entry to the full Level 2 NCEA Biology Course but would like to study more Biology. Success in this course allows a student entry into BI1201 for the next year.

Topics studied will include:

- Human body systems
- Cell biology
- DNA and Genetics

QUALIFICATIONS
A mixture of Level 1 and 2 Unit Standards plus two Level 1 Achievement Standards is offered. These may include:

Level 1

8923	Transfer of genetic information	3 credits
90178	Human circulatory, respiratory and excretory systems	6 credits
90179	Human reproduction	3 credits

Level 2

6308	Genetic change in populations	5 credits
8927	Structure and function in cells	3 credits
8928	Microscopes	3 credits
12543	Apply knowledge of Exercise physiology to physical activity	3 credits
6319	Investigate an example of applied biology	3 credits

Some of these standards may require course books to be purchased

BIOLOGY YEAR 13 BI1301

ENTRY REQUIREMENTS
Competence in NCEA Level 2 Biology by completing a Level 2 course and achieving at least 15 credits, 9 of which should be from external assessments.

To students who do not fulfil these requirements, provisional entry to the Level 3 course may be granted by the HOD.

LENGTH OF COURSE
Full year

AIMS
To develop and investigate an understanding of:
- Diversity, structure, function and interrelationships of living organisms, and their interactions with the abiotic environment
- Genetics & evolution
- Interactions between humans and their environment, and how these are influenced by developments in biological knowledge and technology

SKILLS ACQUIRED
- Focusing & planning
- Information gathering
- Processing & interpreting information
- Reporting

COURSE DESCRIPTION
Topics include:
- Genetics & Evolution
- Human evolution
- Biotechnological techniques & their application
- The interaction of plants and animals with their environment
- The study of an ecological niche

QUALIFICATIONS
The following Achievement Standards will be offered this year.
3.1 Carry out a practical investigation into an aspect of an organism's ecological niche with guidance
3.2 Research a contemporary biological issue
3.3 Describe the role of DNA in relation to gene expression
3.4 Describe animal behaviour and plant responses in relation to environmental factors
3.5 Describe processes and patterns of evolution
3.6 Describe applications of biotechnological techniques
3.7 Describe trends in human evolution
We may offer some Unit Standards in 2009.

ASSESSMENT
Internally assessed: 3.1 3.2 3.6
Externally assessed: 3.3 3.4 3.5 3.7

COURSE COSTS:
Students are expected to purchase a copy of the Biozone Course Manual (approximately $22). Zoo Trip ($18).

CHEMISTRY YEAR 12 CH1201

ENTRY REQUIREMENTS
- Students will need to have achieved at least 14 credits for Achievement Standards in Level 1 Sciences, 12 of which should be from external assessment and including A.S. Sci 1.4. Competence in Level 1 Mathematics must also be demonstrated, especially in Achievement Standards relating to Algebra.
- The sum of 'grade points' in external assessments from the Year 11 Science course needs to be 10 or above. (An Achieved is worth 2 points, a Merit 3 points and an Excellence 4 points.)

Students whose achievements do not meet these standards may apply to the HOD Chemistry for provisional entry to the course.

LENGTH OF COURSE
Full year

AIMS
- To possess a knowledge of basic 'core chemistry' facts and concepts essential for continued study of this subject
- To have a sound basis of practical techniques resulting from experimental procedures in line with the scheme
- To become aware of the place of chemistry in the world around us

COURSE DESCRIPTION
The topics studied are:
- Solubility & Ion Identification
- Quantitative Chemistry
- Energy & Equilibria
- Chemical Architecture
- Organic Chemistry
- Acids and Bases
- Oxidation – Reduction Reactions

QUALIFICATIONS
The following Achievement Standards are offered:
2.1 Carry out qualitative analysis
2.2 Perform an acid-base titration
2.3 Solve simple quantitative chemistry problems
2.4 Describe the nature of structure & bonding in different substances
2.5 Describe the structural formulae and reactions of compounds containing selected organic functional groups
2.6 Describe thermochemical and equilibrium principles
2.7 Describe oxidation – reduction reactions

The following Unit Standards are offered:
8942 Characterise the nature of chemical systems at equilibrium
8947 Characterise oxidation-reduction reactions

Total credits possible: 29

ASSESSMENT
The Unit Standards & Achievement Standards 2.1, 2.2 & 2.3 are internally assessed.
All other standards are externally assessed in an examination at the end of the year.

COURSE COST:
It is required that students purchase a copy of the Chemistry 12 Workbook for use during the course. It can be purchased at the school office at the start of the academic year.
Approximate price is $25.00

CHEMISTRY YEAR 13 CH1301

ENTRY REQUIREMENTS
Students will need to have achieved at least 14 credits for Achievement Standards in Level 2 Chemistry of which 12 should be from external assessment.
Evidence of ability in Level 2 Mathematics & English is also required.
Students whose achievements do not meet these standards may apply to the HOD Chemistry for provisional entry to the course.

LENGTH OF COURSE
Full year

COURSE DESCRIPTION
The topics studied are:
- Oxidation – Reduction Reactions
- Atomic and Molecular Structure and Bonding
- Organic Chemistry
- Thermochemical Properties of Reactions
- Aqueous Solution Chemistry

Note: Level 2 and/or Level 3 Chemistry is a prerequisite for a number of courses at University and Polytechnics. It is recommended that students consider career guidance to determine whether or not they require Chemistry as part of their Year 13 course.

QUALIFICATIONS
The following Achievement Standards are offered:
3.1 Carry out an extended practical investigation involving quantitative analysis.
3.2 Determine the concentration of an oxidant or reductant by titration
3.3 Describe oxidation – reduction processes
3.4 Describe properties of particles and thermochemical principles
3.5 Describe aspects of organic chemistry
3.7 Describe properties of aqueous solutions

The following Units Standards are offered:
8949 Characterise the composition of acid and base solutions
8950 Predict the formation of precipitates of sparingly soluble substances
Total credits possible: 30

ASSESSMENT
The Unit Standards & Achievement Standards 3.1 & 3.2 are internally assessed.
All the other standards are externally assessed in an examination at the end of the year.

Achievement Standard 3.1 is optional and will be carried out in students' own time.
Students have the opportunity to sit a Scholarship exam in this subject.

COURSE COST:
It is required that students buy a copy of the Longman Continuing Chemistry Workbook for use during the course. It can be purchased at the school office at the start of the academic year.
Approximate price is $30.00

HORTICULTURE YEAR 10 HO1001

ENTRY REQUIREMENTS
Open entry.

LENGTH OF COURSE
Full Year, 3 hours/week.

AIM
To further develop plant propagation skills and understanding of growing media and their functions.
To participate in the Wellington Regional Conservation programme.

COURSE DESCRIPTION
The following topics are covered:

- NZ Native plants & Environmental Science
- Conservation of river banks & forests
- General Garden Work
- Plant Husbandry & Growing Media
- Propagation of flowers, fruit, herbs & vegetables
- Landscaping
- Pest and Disease
- Bonsai
- 1 Unit standard 5 credits

SKILLS ACQUIRED

- Techniques used in plant experiments, propagation, landscaping and growth of healthy plants
- Ability to identify NZ native plants and weeds, and to prepare herbariums
- Growing of vegetables and flowers

ASSESSMENT

Assignments	40%
Tests	40%
Practical Work	20%

HORTICULTURE YEAR 11 HO1101

ENTRY REQUIREMENTS
Open entry.

LENGTH OF COURSE
Full Year

AIM
To give students an understanding of Horticulture as an applied Science, concerned with propagation and management of plants in a modified environment for pleasure or profit.

COURSE DESCRIPTION
There are six topics:

- Plant structure, diversity & use
- Growing media
- Plant propagation techniques
- Plant husbandry
- NZ Horticulture Industry
- Amenity Horticulture

SKILLS ACQUIRED
The ability to:

- Identify plants, recognise different soils and how to modify them
- Use appropriate propagation techniques
- Identify and overcome problems affecting plant growth
- Landscape gardens

ASSESSMENT
8 credits are internally assessed and 16 credits are externally assessed.

QUALIFICATIONS
The following NCEA achievement standards are offered:

90156	Complete a practical horticultural investigation
90157	Demonstrate practical skills in horticultural production
90158	Describe the properties and management of soils
90159	Describe aspects of NZ primary industry production
90160	Describe the impact of primary production on the environment
90745	Describe plant propagation methods
90175	Examine and design landscape plans
90746	Describe plant structure, functions and processes and plant management practices

COURSE COST: Study Booklet $15

HORTICULTURE YEAR 12 HO1201

ENTRY REQUIREMENTS
At least 14 credits at Level 1 NCEA Science or Horticulture or at discretion of HOD.

LENGTH OF COURSE
Full Year

AIM
To enhance the students' appreciation of plants and their growth requirements, particularly in relation to market demands.

COURSE DESCRIPTION
The following topics are covered:

- Understanding of selected physical resources influencing plant growth
- Controlling plant growth and use of plant hormones
- Plant propagation.
- Evaluation of controlled environments.
- Landscaping

SKILLS ACQUIRED
The ability to:

- Identify and modify factors affecting successful plant growth
- Select and prepare suitable materials for successful plant propagation
- Carry out horticultural science investigations
- Put landscaping practices into operation

ASSESSMENT
8 credits are internally assessed, 16 credits are externally assessed.

QUALIFICATIONS
Level 2 NCEA Achievement Standards

90450	Carry out a practical horticulture investigation
90451	Describe the physical environment and its manipulation, for primary production
90453	Describe methods of plant propagation
90454	Describe growth, development and productivity in plants
90456	Examine and redesign a landscape plan
90452	Soil Management

HORTICULTURE YEAR 13 HO1301

ENTRY REQUIREMENTS
At least 14 credits in Level 2 Horticulture, other applied Sciences, Economics, Geography, English or at the discretion of the HOD.

LENGTH OF COURSE
Full Year

AIM
To develop students' ability to identify market requirements for horticultural products and the manipulation of production processes to achieve optimum economic returns.

COURSE DESCRIPTION
The course includes a 7 month project which allows students to experiment with and manipulate a crop of their choice.
Students will also:

- Study the influence of market demand on NZ's supply of primary products
- Analyse attributes of primary products for specific markets
- Evaluate modifications to production processes to meet market demand and improve economic returns
- Evaluate the effects of production/management practices on the environment and productivity/marketability of primary products

SKILLS ACQUIRED
The ability to:

- Manipulate plant growth to increase economic returns
- Describe market forces and market opportunities for primary products
- Identify practices which minimise the adverse effects of primary production on the environment

ASSESSMENT
19 credits are internally assessed (90649, 90650 & US 1670) and 15 credits are externally assessed.

QUALIFICATIONS
Level 3 NCEA

90649	Research the production & marketing of a locally produced primary product
90650	Investigate aspects of primary production & marketing of a nationally significant product
90651	Describe market forces and the relationship between market opportunities and attributes of primary products
90652	Explain manipulations of production processes for a nationally significant primary product
90653	Analyse a primary production environmental issue
US1670	Identify, label and present common trees, shrubs and climbers used in amenity horticulture

COURSE COST: $15 covers 2 field trips

PHYSICS YEAR 12 PH1201

ENTRY REQUIREMENTS
Students must have achieved:

- 14 credits from the Level 1 Science course, at least 10 credits must be externally assessed
- must have achieved in either Science 1.6 (Aspects of Physics) or Physics 1.3 (Waves and Light option)
- must have achieved in both Maths 1.1 (Algebraic methods and solve equations) and Maths 1.8 (Solve right-angled triangle problems)
- The sum of 'grade points' in external assessments from the Year 11 Science course needs to be 11 or above. (An Achieved is worth 2 points, a Merit 3 points and an Excellence 4 points.)

LENGTH OF COURSE
Full year

AIM
To develop people who:

- have a good operational understanding of basic concepts, principles and models of physics
- are skilled practical investigators and problem solvers
- understand the nature of scientific knowledge and the relationships between science, technology, and society
- maintain scientific integrity in their pursuit of physical knowledge

COURSE DESCRIPTION:
Topics include:

- Measurements & Graphs
- Light & Optics
- Waves
- Force & Motion
- Energy
- Electricity
- Magnetism
- Modern (Atomic) Physics

SKILLS ACQUIRED

- Focusing & planning
- Information gathering
- Processing & interpreting information
- Reporting

QUALIFICATIONS
NCEA Achievement Standards Level 2.

2.1 Collect & analyse experimental data.
2.3 Demonstrate understanding of waves.
2.4 Demonstrate understanding of mechanics
2.5 Demonstrate understanding of atoms & radioactivity
2.6 Demonstrate understanding of DC electricity & electromagnetic effects
2.7 Demonstrate understanding of the integrated nature of physics

ASSESSMENT
2.1 2.7 are internally assessed
2.3 2.4 2.5 2.6 are externally assessed

COURSE COST:
Students will be required to pay (approx) $15 course cost. This gives the student a write on workbook towards examination preparation.

PHYSICS YEAR 13 PH1301

ENTRY REQUIREMENTS
At least 14 credits at Level 2, 10 of which should be from external assessments. Reasonable competence in Level 2 Mathematics will also be required.

LENGTH OF COURSE
Full year

AIMS
To develop people who:

- Can use concepts, principles and models in physics to explain physical phenomena, systems and devices
- Appreciate the relationships between science, technology and society
- Can use their practical and investigative skills in physics to advance their scientific knowledge
- Wish to pursue engineering or physics at university

COURSE DESCRIPTION
Seven topics covered are:

- Measurement and uncertainty
- Translation and rotational motion
- Wave systems
- Circular and simple harmonic motion
- DC electricity and capacitance
- Electromagnetic induction and AC circuits
- Modern (Atomic) Physics

SKILLS ACQUIRED

- General lab skills
- Information gathering and problem solving skills
- Processing, interpreting and reporting

QUALIFICATIONS
NCEA Level 3

3.1 Carry out a practical investigation with guidance, that leads to a mathematical relationship
3.3 Demonstrate understanding of wave systems
3.4 Demonstrate understanding of translational and rotational motion and simple harmonic motions
3.5 Demonstrate understanding of atoms, photons & nuclei
3.6 Demonstrate understanding of DC circuits, capacitance, electromagnetic induction and AC circuits

ASSESSMENT

3.1 internally assessed in the year.

3.3, 3.4, 3.5 and 3.6 externally assessed in Term 4.

COURSE COST:
Students will be required to pay (approx) $15 course cost. This gives the student a write on workbook towards examination preparation.

SCIENCE YEAR 10 SC1001

AIMS
- To enable and encourage students to develop knowledge and skills which will allow them to better understand their world
- To enhance the investigative skills of students
- To encourage further learning within Science and provide students with a basis of skills and understanding for such learning

COURSE DESCRIPTION
- Shocking Science
- Chemical Reactions
- Adaptations
- Earth Science
- Sport Science
- Cells & Reproduction
- Metals & Plastics
- Acids and Bases

SKILLS ACQUIRED
- Focusing and planning
- Information gathering
- Processing and interpreting
- Reporting

ASSESSMENT
End of topic tests
Skills assessments
End of Year exam

Students will have the opportunity to do some Unit Standards in Year 10.

COURSE COST: $3 per year for Homework Books

NB Students in extension classes will pay a fee of $10 which will include entry to the ICAS Science Competition.

SCIENCE YEAR 11 SC1101

ENTRY REQUIREMENTS
Students will need to have completed a Year 10 general science course and demonstrated a minimum level of competency in the subject.

LENGTH OF COURSE
Full year

AIM
- To enable and encourage students to develop knowledge and skills which will allow them to better understand their world.
- To enhance the investigative skills of students
- To encourage further learning within science and provide students with a basis of skills and understanding for such learning

COURSE DESCRIPTION
There are 4 compulsory topics:
- Aspects of Chemistry
- Aspects of Physics
- Genetics
- Practical Investigation

Students in the Merit and Excellence classes do two option topics while students in Achievement classes do one option topic. The option topics cover a variety of fields in Biology, Chemistry, Physics and Geology. The achievement classes also complete 4 Unit Standards during the year.

SKILLS ACQUIRED
- Focusing & planning
- Information gathering
- Processing & interpreting
- Reporting

QUALIFICATIONS

Core Topics

90186	Carry out a practical investigation	Int
90189	Describe aspects of Chemistry	Ext
90191	Describe aspects of Physics	Ext
90163	Describe the transfer of genetic information	Ext

Option Topics

90168	Use & effects of micro-organisms &	Ext
90176	Pathogens	Ext
90166	Digestion/Skeleton systems	Ext
90648	Organic Chemistry &	Ext
90170	Polymers Research	Int
90182	Waves & Light	Ext
90184	Heat & Nuclear Physics &	Ext
90181	Hypothermia and Nuclear Research	Int
90190	Rocks &	Ext
90187	Lava research	Int
90164	Ecology &	Int
90165	Control of an Introduced Species	Int

COURSE COST: Some of the optional topics require students to purchase mini-workbooks, costing from $5.50 - $7 each.

ALTERNATIVE SCIENCE YEAR 11 SC1102

ENTRY REQUIREMENTS
Recommendations of Year 10 Science teacher.

COURSE DESCRIPTION
The course is divided into modules including:

- Body maintenance
- Biotechnology
- Chemical patterns
- The car & forces
- Forensics
- Chemical reactions
- Weather
- Waves
- Electricity

AIMS

- To foster interest & understanding in everyday science
- To provide a course that builds student confidence in their scientific abilities
- To enhance scientific skills
- To give students an opportunity to achieve a qualification in science

QUALIFICATIONS
Students are offered a Unit Standard worth 2 credits for each topic leading to a possible total of 18 credits.

ASSESSMENT
All work is internally assessed. Assessment tasks will include written tests, practical tests and homework assignments.

SCIENCE YEAR 12 SC1201

ENTRY REQUIREMENTS
Students will need to have achieved at least 8 credits for Achievement Standards in Level 1 Sciences.
Restriction: Cannot do SC1201 with BI1202

Students whose achievements do not meet these standards may apply to the HOD Science for provisional entry to the course.

LENGTH OF COURSE
Full year

AIM

- To foster an awareness of the importance of the three Sciences (Biology, Chemistry & Physics) in everyday life.

COURSE DESCRIPTION
This is a general Science course for those students wishing to maintain their learning in Science but who do not wish to specialise in the other senior Sciences.

It is a practically based course and does not specifically lead to any Year 13 Sciences, but may enable students to study Level 2 Biology, Physics or Chemistry the following year.

ASSESSMENT
All work is internally assessed. Assessment tasks will include written tests, practical tests, research and use of computer technology for processing data. Students could gain at least 23 credits in total, with 16 from Level 2 and 7 from Level 1 NCEA.

QUALIFICATIONS

Unit Standards

6339	Cosmetics
6383	Physics research
8927)	Cells & microscopes
8928)	
6295	Reproduction & bones
8925	Animal diversity
21610	Which material is safe?

Achievement Standards

2.1	Rockets
2.2	Who burnt the toast?

An Environmental Science topic e.g. 'Climate Change' may also be included.

Certificate in Science Level 2 leads to NZ Certificate in Science at Polytech.

PHYSICAL SCIENCES YEAR 12 PS1201

ENTRY REQUIREMENTS
Students will need to have gained at least 14 credits for Achievement Standards in Level 1 Science, 12 of which should be from external assessment including Science AS 1.4 and Science AS 1.6.
Students also need to have achieved AS 1.1 in Mathematics.
Restriction: Cannot take SC 1202 with CH1201 or PH1201

Students whose achievements do not meet these standards may apply to the HOD Science for provisional entry to the course.

LENGTH OF COURSE
Full year

COURSE DESCRIPTION
A Level 2 course consisting of both Chemistry and Physics topics. Assessments will be a mixture of Achievement Standards and Unit Standards. This course would be suitable for students who wish to include some Chemistry and Physics in their Year 12 programme, but are not intending to take Year 13 Chemistry or Physics the following year.

QUALIFICATIONS

Chemistry		Credits
AS 2.1	Carry out qualitative analysis	3 Int
AS 2.2	Carry out an acid-base volumetric analysis	3 Int
AS 2.3	Solve simple quantitative chemical problems	2 Int
US 8943	Investigate enthalpy changes of chemical reactions	2 Int
US 8944	Relate properties of chemical substances to their structure and bonding	3 Int
Physics		
AS 2.1	Take measurements of physical quantities and analyse data graphically to determine a relationship	4 Int
AS 2.5	Demonstrate understanding of atoms and radioactivity	2 Ext
US 6383	Describe the development of a selected physics idea and a physics-based application	2 Int
US 8769	Describe, construct and determine unknowns for electrical systems	4 Int

ACCOUNTING YEAR 11 AC1101

ENTRY REQUIREMENTS
Open entry. Would suit students with good English and Mathematics skills.

LENGTH OF COURSE
Full Year

AIM
To give students the understanding that Accounting is the language of business and of how financial information is processed and used to make business decisions.

COURSE DESCRIPTION
The course covers these major themes:

- The conceptual basis of Accounting
- A basic accounting process applied on the cash basis – source documents, journals, general ledger, statements (for businesses and clubs) drawn up on the accrual basis
- Simple analysis of financial statements and decision making
- Personal accounting in everyday life

ASSESSMENT
Seven credits are internally assessed and seventeen credits are externally assessed.

QUALIFICATIONS
The following Achievement Standards are offered in this course:

1.1 Demonstrate an understanding of the conceptual basis of accounting
1.2 Describe a method of processing financial information and analyse transactions
1.3 Process financial information for a sole proprietor
1.4 Demonstrate an understanding of accounting systems for entities
1.5 Prepare financial statements for sole proprietors
1.6 Report financial information for individuals or household and community organisations
1.7 Analyse and interpret financial information for a sole proprietor(s)

COURSE COST:
Two work books costing approximately $16 each must be purchased.

ACCOUNTING YEAR 12 AC1201

ENTRY REQUIREMENTS
Entry at discretion of HOD
Achieved the credits for 4 of the 5 Level 1 externally assessed achievement standards, some at merit/excellence level.

LENGTH OF COURSE
Full Year

AIM
To provide a knowledge and understanding of the principles and systems that are used to process financial information.

COURSE DESCRIPTION
The course covers six major themes:

- Principles and characteristics influencing the Accounting process and reports
- Full accounting process for GST registered entity, applied on the accrual basis
- Drawing up financial reports with adjustments including GST
- Analysis and interpretation of financial statements
- Accounting systems: cash, credit
- Introduction to computerised Accounting

ASSESSMENT
Fifteen credits are internally assessed and seventeen credits are externally assessed.

QUALIFICATIONS
The following Achievement Standards are offered in this course:
2.1 Describe the conceptual basis of accounting for a sole proprietor
2.3 Investigate and report on accounting subsystems
2.4 Demonstrate understanding of accounting processes for accounting subsystems
2.5 Prepare financial statements and related accounting entries for sole proprietors
2.6 Analyse and interpret information and make recommendation(s) for a sole proprietor
2.7 Use computer software to process financial transactions for a sole proprietor
Unit Standard 7366
Control and accounting procedures for a cash subsystem
Unit Standard 7368
Control and accounting procedures for Accounts Payable subsystem

COURSE COST: A notebook and workbook costing $25 must be purchased

ACCOUNTING YEAR 13 AC1301

ENTRY REQUIREMENTS
Entry at discretion of HOD.
Achieved 12 of the 17 externally assessed credits at Level 2, some at merit/excellence level.

LENGTH OF COURSE
Full Year

AIM
To give students an understanding of how Accounting concepts and processes are applied to different types of enterprise and groups of users.

COURSE DESCRIPTION
This course enables students to process and analyse Accounting information for a broad range of business enterprises and ownership structures. It covers four main topics:

- The conceptual basis of Accounting
- Applications of Accounting principles and processes – a study of formation of, and annual reporting for companies and partnerships
- Accounting information for management, decision making, job costing and budgets
- Analysis and interpretation of company accounts

ASSESSMENT
Ten credits are internally assessed and nineteen credits are externally assessed.

QUALIFICATIONS
The following Achievement Standards are offered in the course:
3.1 Describe and apply the conceptual basis of accounting in context
3.2 Process financial information for partnerships and/or companies
3.3 Process financial information for a manufacturing job cost subsystem
3.4 Report financial information for partnerships and/or companies registered for GST on the invoice basis
3.5 Prepare a report that analyses and interprets a company's financial report for external users
3.6 Explain and prepare information for management decision-making
Unit Standards
7375 Accounting records and financial statements for partnership
7376 Accounting records for limited liability companies

COURSE COST:
A notebook and work book costing $25 must be purchased.

ECONOMICS YEAR 10 EC1001

ENTRY REQUIREMENTS
Open entry, but Year 9 Economics is strongly recommended.

LENGTH OF COURSE
Full Year

AIM
To introduce students to the world of business and enterprise.

COURSE DESCRIPTION
Units of work include:

- Resources
- Workers' Rights and Responsibilities in NZ
- Setting Up and Running a Small Business
- Barter and Money
- Marketing
- The Share Market

Students will set up and run their own enterprise during the year.

ASSESSMENT:
Unit Standard 7365

ECONOMICS YEAR 11 EC1101

ENTRY REQUIREMENTS
Open entry, however it is desirable to have taken Economics in either or both of Years 9 & 10.

LENGTH OF COURSE
Full Year

AIM
To give students an understanding of the ways that NZ consumers and businesses interact, and how this effects their everyday lives.

COURSE DESCRIPTION
The course looks at the relationship between households and business and the legal and economic framework within which they operate.

ASSESSMENT
10 credits are internally assessed and 19 credits are externally assessed.

QUALIFICATIONS
NCEA Level 1
Externally assessed
1.1 Describe concepts related to consumer choice and demand
1.2 Describe producers, production and resources
1.3 Understand the concept of supply
1.4 Demonstrate an understanding of the market
1.5 Describe relationships between sectors of the economy
Internally assessed
1.6 Understand and use the consumer decision-making model
1.7 Carry out an economic investigation
US5855 Explain the production process in economics.

COURSE COST:
Students are required to buy a workbook ($20)

ECONOMICS YEAR 12 EC1201

ENTRY REQUIREMENTS
18 credits at Level 1 NCEA Economics. If a student has not taken Economics at Year 11, entry is at the discretion of HOD.

LENGTH OF COURSE
Full year.

COURSE DESCRIPTION
The major focus of this course is the New Zealand Economy and in particular the study of economic issues such as:

- Employment
- International Trade & Finance
- Growth
- Inflation

This course develops an understanding of the nature of the New Zealand economy and the way it impacts on the everyday lives of people in general.

ASSESSMENT:
30 credits are internally assessed & 18 are externally assessed.

QUALIFICATIONS
NCEA Level 2
Externally assessed
2.1 Describe Inflation & its causes & effects
2.2 Describe International Trade & its causes & effects
2.3 Describe Economic Growth & its causes & effects
2.5 Describe Government Policies in Relation to NZ Economic Issues

Internally Assessed:
Unit Standards 10930, 5859, 5860, 5861 and 5862.

COURSE COST:
Students are required to buy a workbook ($20)

ECONOMICS YEAR 13 EC1301

ENTRY REQUIREMENTS
At least 18 credits in Level 2 Economics, of which 12 are from the external exams.
For those who have not taken Level 2 Economics, entry is at the discretion of the HOD.

LENGTH OF COURSE
Full Year

AIM
To give students a level of economic literacy and understanding which will enable them to develop a continuing and critical interest in contemporary economic issues.

COURSE DESCRIPTION
- Section A covers the operation of the market (Micro Economics)
- Section B is concerned with Government intervention in the NZ economy
- Section C looks at the NZ economy as a whole (Macro Economics)

ASSESSMENT
10 credits are internally assessed and 19 credits externally assessed.

QUALIFICATIONS
NCEA Level 3
Externally assessed
3.1 Demonstrate an understanding of demand and supply for the perfect competitor and the monopolist
3.2 Describe the market and allocative efficiency
3.3 Demonstrate an understanding of allocation via the public sector
3.4 Demonstrate an understanding of aggregate economic activity
Internally assessed
3.5 Carry out an economic investigation to test an hypothesis
US 5864

Level 3 Economics provides a very useful background for a wide range of Commerce and Arts courses at Tertiary Institutions.

COURSE COST:
Students are required to buy two workbooks ($18 each)

GATEWAY YEAR 12 & 13 GW12/1301

ENTRY REQUIREMENTS
Open entry to Years 12 & 13
Entry at invitation of HODs & Gateway Coordinator

LENGTH OF COURSE
Full Year.
Students can be moved into this course during the year as spaces become available.

AIM
To provide functional employment skills and transition to work skills for students who are work ready.

COURSE DESCRIPTION
The course covers the following topics:
- Confidence and competence in work placements.
- Work Experience
- Occupational Safety and Health
- Good Employee Skills
- Teamwork
- Employment rights & responsibilities
- Improved Self Esteem
- Dress/time/behaviour requirements in the work place

QUALIFICATIONS
A series of Unit Standards will be offered, both within the College and to be assessed during work placements. These could include:

Level 1
4249 Demonstrate care & timeliness as an employee
542 Describe unlawful discrimination
497 Protect health & safety in the workplace
4249 Be a good employee
3503 Participate in a group to complete routine tasks
504 Produce a CV
10780 Work Experience
543 Start work in a new workplace

Other possible standards may be taken from:
101 Develop & use keyboard skills to enter text
1978 Identify basic employment rights and responsibilities
8491 Use standard units of measurement
8492 Use standard units of measurement
8490 Solve problems using calculation with numbers expressed in different forms
2977 Read texts for practical purposes
2989 Read & assess texts for practical purposes
10792 Write letters
3501 Apply listening techniques
8489 Solve problems which require calculation with whole numbers

Level 2
7123 Demonstrate knowledge of problem solving and apply a problem solving technique to a problem
1277 Communicate information in a specified workplace
10781 Produce a plan for future direction
1299 Be assertive in a range of specified situations
1304 Communicate with people of other cultures

Students will have individualised programmes to meet their individual needs & requirements to ensure they gain suitable NZQA Levels 1, 2 and possibly Level 3 and to meet numeracy and literacy requirements.

ENVIRONMENTAL STUDIES YEAR 12/13 EV12/1301

ENTRY REQUIREMENTS
Competence and completion of NCEA Level 1 Science.

LENGTH OF COURSE
Full Year

AIM
- To develop awareness and understanding of ecological, social and economic sustainability issues.

COURSE DESCRIPTION
The course covers the following major themes:
- Performing an Environmental Action and documenting it in a Journal.
- Creating a report on a local ecosystem that has been affected by human activities.
- World views such as indigenous, political and religious.
- Explore local opinions on managing a local resource.
- Ecology and Economy
- Developing a strategy to minimalise environment risk arising from an environmental problem.

SKILLS ACQUIRED
- Critical thinking – Researching and Analysing
- Decision making – creating solutions
- Interpersonal – building links with Community stakeholders e.g. Local Council, IWI

ASSESSMENT
26 credits (18 internal 8 external)

Level 2 NCEA Achievement Standards		Credits
Education for Sustainability – Nga Kaupapa Taiao		
2.1	Plan, implement and evaluate a personal action towards a sustainable future with guidance.	6 Int
2.2	Describe the consequences of human activities within a biophysical environment in relation to sustainability.	4 Int
2.3	Describe how different world views have consequences and opportunities for sustainability.	4 Ext
2.4	Describe values and behaviours of people in relation to a sustainable future.	4 Int
2.5	Describe principles of sustainability.	4 Ext
2.6	Work cooperatively to develop strategies or designs for sustainability in response to a future scenario.	4 Int

COURSE COSTS:
Costs to cover field trips will be advised early in 2009.

GEOGRAPHY YEAR 11 GE1101

ENTRY REQUIREMENTS
Junior Social Studies

LENGTH OF COURSE
Full Year

AIM
- To help students develop an understanding of the Earth as the home of people.
- To acquire essential skills of research and presentation invaluable to careers such as planning, environmental consultancy, human resources, social services and tourism

COURSE DESCRIPTION
The course covers the following major themes:
- Extreme natural events, looking at earthquakes in New Zealand.
- Population studies which deal with issues in New Zealand, China and Indonesia
- Resources and their use, in particular farming in New Zealand and mining in Australia or New Zealand

SKILLS ACQUIRED
- Thinking skills, eg. identifying problems, data gathering and processing
- Practical skills, eg. field observation and inquiry, map and photograph interpretation and presentation of results
- Valuing skills, eg. awareness of different cultures in different countries
- Social skills, eg. the ability to work independently or as a team

ASSESSMENT
11 credits are internally assessed
13 credits are externally assessed

QUALIFICATIONS
The following Achievement Standards are offered in this course:

1.1	Examine extreme natural events	3 credits External
1.2	Examine population patterns, processes and issues	3 credits External
1.3	Examine resource use in a farming and mining context	3 credits External
1.4	Apply skills and ideas with direction in a geographic context	4 credits External
1.5	Carry out and present directed geographic research	5 credits Internal
1.6	Describe a contemporary geographic issue and evaluate courses of action	3 credits Internal
1.7	Examine a global study	3 credits Internal

COURSE COST: Wellington Field Trip $15

GEOGRAPHY YEAR 12 GE1201

ENTRY REQUIREMENTS
At least 14 credits in NCEA Level 1 Geography or English, or at the discretion of the HOD.

LENGTH OF COURSE
Full Year

AIM
- To help students develop an understanding of the Earth as the home of people.
- To acquire essential skills of research and presentation invaluable to careers such as planning, environmental consultancy, human resources, social services and tourism

COURSE DESCRIPTION
- Natural environments, in particular the New Zealand High Country and Amazon Rain Forest
- Inequalities of development around the world.
- Urban settlement patterns and models of settlement with particular emphasis on Sao Paulo or Bangkok and Wellington

SKILLS ACQUIRED
- Thinking skills, eg. identifying problems, data gathering and processing
- Practical skills, eg. field observation and inquiry, map and photograph interpretation and presentation of results
- Valuing skills, eg. awareness of different cultures in different countries
- Social skills, eg. the ability to work independently or as a team.
- Greater emphasis is placed on analysing models and geographic ideas at this level

ASSESSMENT
11 credits are internally assessed and 13 credits are externally assessed.

QUALIFICATIONS
The following Achievement Standards are offered in this course

2.1	Explain natural landscapes	3 credits External
2.2	Explain urban settlements	3 credits External
2.3	Explain disparities in development both within and between countries	3 credits External
2.4	Apply skills & ideas in a geographic context	4 credits External
2.5	Conduct guided geographic research	5 credits Internal
2.6	Explain a contemporary geographic issue	3 credits Internal
2.7	Explain a global study	3 credits Internal

5091 Describe & explain inequality in development
4 credits Internal

COURSE COST: Wellington Field trip $15

GEOGRAPHY YEAR 13 GE1301

ENTRY REQUIREMENTS
At least 14 credits in NCEA level 2 in Geography or English or at discretion of HOD.

LENGTH OF COURSE
Full Year

AIM
- To help students develop an understanding of the Earth as the home of people
- To acquire essential skills of research and presentation invaluable to careers such as planning, environmental consultancy, human resources, social services and tourism

COURSE DESCRIPTION
- Natural processes: Beach study (includes 1 day field trip)
- Cultural Processes: Changes in the tourism industry in New Zealand and Bali or The Gold Coast
- Planning and decision-making including the Resource Management Act and a piece of individual research on a planning issue
- A 4 or 5 day field trip is part of the course

SKILLS ACQUIRED
- The skills listed in Level 1 and 2 apply
- A higher level of theoretical analysis is required

ASSESSMENT
12 credits are internally assessed and 12 credits are externally assessed.

QUALIFICATIONS
The following achievement standards are offered in this course.

3.1	Analyse a geographic environment focussing on the interacting natural processes	4 credits External
3.2	Analyse a cultural process	4 credits External
3.3	Analyse the role of geography in planning	3 credits Internal
3.4	Select and apply skills and ideas in a geographic context	4 credits External
3.5	Carry out geographic research with consultation	3 credits Internal
3.6	Analyse a contemporary geographic issue and evaluate courses of action	3 credits Internal
3.7	Analyse a global geographic study	3 credits Internal

COURSE COSTS: $200 (Field Trips) (To be confirmed)

HISTORY YEAR 11 HI1101

ENTRY REQUIREMENT
History is a new subject which begins in Year 11.

LENGTH OF COURSE
Full Year

AIM
- To further students' understanding of what is happening in New Zealand and the world today through an investigation of the past.
- To acquire the essential skills of research, analysis and evaluation and the appropriate presentation of information, invaluable to most careers e.g. Law, Journalism, Foreign Affairs, Business/Personnel Management etc.

COURSE DESCRIPTION
Topics (4 or 5 from)
- Origins of World War Two
- New Zealand's Search for Security
- Conflict in Ireland
- Conflict in Palestine/Israel
- Race Relations in South Africa
- Race Relations in New Zealand

SKILLS REQUIRED
In addition to the specific skills of resource interpretation and essay writing, students will develop the skills of time management, problem definition, information gathering and the presentation and communication of information.

ASSESSMENT
8 credits are internally assessed and 16 credits are externally assessed.

QUALIFICATIONS
The following Achievement Standards are offered in this course:

Level 1
1.1 Carry out an historical investigation
1.2 Communicate historical ideas
1.3 Interpret historical sources
1.4 Describe the perspectives of people in an historical setting
1.5 Describe the impact of a development in an historical setting
1.6 Describe the identity of people(s) in a New Zealand historical setting

HISTORY YEAR 12 HI1201

ENTRY REQUIREMENTS
Reasonable reading and writing skills. The subject may be taken without Year 11 experience although 12 credits at Level 1 History, Geography or English is recommended. Other entry at discretion of HOD.

LENGTH OF COURSE
Full Year

AIM
- To further students' understanding of some major historical trends and ideas, to develop the key skills of enquiry, interpretation and communication.
- To acquire the essential skills of research, analysis and evaluation and the appropriate presentation of information, invaluable to most careers e.g. Law, Journalism, Foreign Affairs, Business/Personnel Management etc.

COURSE DESCRIPTION
The course goes further back in time, and will cover the following topics:
- The American Revolution c.1760-1791
- Origins of World War One 1903-15
- The Russian Revolution c.1890-1922:
- Vietnam and the Conflict in Indo-China 1945-1975

SKILLS ACQUIRED
Students develop key research skills and the ability to communicate information in a variety of formats. They develop the ability to evaluate and analyse a range of source material in order to form a judgment and conclusion.

ASSESSMENT
12 credits are internally assessed and 12 are externally assessed.

QUALIFICATION
2.1 Plan and carry out an historical inquiry
2.2 Communicate an understanding of historical ideas
2.3 Examine evidence in historical sources
2.4 Examine and demonstrate empathy for the perspectives of people in an historical setting
2.5 Examine a force or movement that influenced people's lives in an historical setting, in an essay
2.6 Examine individual or group identity in an historical setting in an essay

HISTORY YEAR 13 HI1301

ENTRY REQUIREMENTS
At least 12 credits at Level 2 NCEA History, Geography or English or at the discretion of the HOD.

LENGTH OF COURSE
Full Year

AIM
- To further students' understanding of some major historical trends and ideas and to develop the key skills of enquiry, interpretation and communication.
- To acquire the essential skills of research, analysis and evaluation and the appropriate presentation of information, invaluable to most careers e.g. Law, Journalism, Foreign Affairs, Business/Personnel Management etc.

COURSE DESCRIPTION
- Tudor and Stuart England 1558-1667 (includes the reigns of Elizabeth I, James I and Charles I, the English Civil War and the Interregnum, and the reign of Charles II.)

SKILLS ACQUIRED
Students further develop the skills gained in Level 1 and Level 2 NCEA History. They develop an ability to analyse critically a variety of sources and to distinguish among a range of historical viewpoints.

ASSESSMENT
9 credits are internally assessed
15 credits are externally assessed

QUALIFICATIONS
Level 3 NCEA Achievement Standards
3.1 Plan and carry out independent historical research
3.2 Communicate historical ideas and understandings
3.3 Analyse and evaluate evidence in historical sources
3.4 Examine a significant decision made by people in history in an essay
3.5 Examine a significant issue in the context of change, in an essay

RETAILING YEAR 12 RT1201

ENTRY REQUIREMENTS
Students must have demonstrated a desire to increase their knowledge in this area and the self discipline necessary to set worthwhile learning goals for themselves.
This course is not intended as an alternative to Economics or Accounting for University bound students.

LENGTH OF COURSE
Full Year

AIM
To provide students with an opportunity to study a tertiary course in retailing whilst still at school.

COURSE DESCRIPTION
This course is a tertiary course leading towards the National Certificate in Retailing. The course is taught by College staff but assessed by a Polytechnic. When students have completed the course work they can be awarded the National Certificate in Retailing Level 2.

SKILLS ACQUIRED
- Selling skills, looking at the salesperson, the customer and the steps in a sale
- Communication skills necessary for working with the public
- New Zealand retailing today
- Retail calculations
- Ticket Writing
- Advertising
- Store Layout
- Product knowledge assignment

ASSESSMENT
100% internal assessment

QUALIFICATION
National Certificate in Retailing

COURSE COST:
There will be a cost involved – to be advised

RETAILING YEAR 13 RT1301

ENTRY REQUIREMENTS
To complete the entire certificate, students will need to have done the Level 2 course. 24 credits from the Level 2 course will be cross-credited to the Level 3 Certificate, however, this is not necessary to be accepted into the course.

This course is not intended as an alternative to Economics or Accounting for University bound students.

LENGTH OF COURSE
Full Year

AIM
To provide students with skills to allow progression in the Retailing and Sales occupations.

COURSE DESCRIPTION
This course is a tertiary course leading towards the National Certificate in Retailing. The course is taught by College staff but assessed by a Polytechnic. When students have completed the course work they can be awarded the National Certificate in Retailing Level 3.

SKILLS ACQUIRED
- Selling skills, looking at the salesperson, the customer and the steps in a sale
- Communication skills necessary for working with the public
- New Zealand retailing today
- Retail calculations
- Ticket Writing
- Advertising
- Store Layout
- Product knowledge assignment
- Knowledge of relevant legislation
- Display creation
- Management of sales teams

ASSESSMENT
100% internal assessment

QUALIFICATION
National Certificate in Retailing Level 3
68 credits at Level 2, 3 & 4

COURSE COST:
There will be a cost involved – to be advised

SOCIAL STUDIES YEAR 10 SS1001

ENTRY REQUIREMENTS
30% in Year 9 examination and tests

LENGTH OF COURSE
Full Year

AIMS
Social Studies aims to enable students to participate in a changing society as informed, confident and responsible citizens.

COURSE DESCRIPTION
The topics covered include:
- Treaty of Waitangi
- Germany: Culture and Change
- Migration
- The Environment
- Black Civil Rights in America

SKILLS ACQUIRED
- Communication
- Information
- Problem solving
- Self management
- Social and cooperative
- Work and study

SOCIAL STUDIES – Alternative Course YEAR 10 SS1002

ENTRY REQUIREMENTS
Less than 30% in Year 9 exam and tests

LENGTH OF COURSE
One year subject to progress made by students

AIMS
Social Studies aims to enable students to participate in a changing society as informed, confident and responsible citizens.

COURSE DESCRIPTION
The topics covered include:
- Treaty of Waitangi
- Germany: Culture and Change
- Migration
- The Environment
- Black Civil Rights in America

SKILLS ACQUIRED
- Similar to programme above
- Students progress at a rate more suited to their ability

SOCIAL STUDIES – Enrichment Course YEAR 10 SS1003

ENTRY REQUIREMENTS
High performance in the Year 9 exam and an end of year skills test.
A proven work ethic.
The social and emotional maturity to work a year ahead of their peers.

LENGTH OF COURSE
Full Year

AIMS
Students enter either the NCEA Level 1 Geography or History course.

COURSE DESCRIPTION
Refer to Year 11 Geography or History

SKILLS ACQUIRED
- Details of these courses are on the Geography and History pages of this booklet.

REQUIREMENT
Parental permission is required before students can begin this programme.

TRAVEL & TOURISM YEARS 12/13 TO12/1301

ENTRY REQUIREMENTS
An interest in Tourism as a career. A reasonable standard of English is essential. (10 credits at Level 1)
Level 2 Available to Year 12 students
Level 3 Available to Year 13 students
Y13 students also do Level 2 to complete their National Certificate in Tourism. Y12 students intending to follow a Tourism career and further study at a Polytechnic may apply to the HOD for permission to do both Level 2 and Level 3 courses.

LENGTH OF COURSE
Full year (Two subject lines – 8 hours per week for those doing both levels).

AIM
To provide students with the opportunity to study a tertiary course in Tourism whilst still at school.

COURSE DESCRIPTION
Students will study:
- Tourism Industry in New Zealand
- NZ as a tourist destination
- Providing customer service to overseas tourists

SKILLS ACQUIRED
- Research
- Communication
- Customer service

ASSESSMENT
Unit Standards (Level 2 – Level 3)

QUALIFICATIONS
The following Unit Standards are offered in this course:

Level 2

18230	Demonstrate knowledge of computer applications and produce text on a computer for tourism and travel
18231	Identify work roles in tourism and travel and their related personal and professional requirements
18232	Read and write in English for the tourism and travel industry
18233	Communicate with one person in English for the tourism and travel industry
18234	Demonstrate knowledge of world travel geography outside NZ
18236	Demonstrate knowledge of tourism destinations within NZ
18237	Perform calculations for the tourism and travel industry
9717	Demonstrate knowledge of the history of tourism

Level 3

18211	Demonstrate knowledge of Australia as a tourism destination
18212	Demonstrate knowledge of NZ as a tourism destination
18228	Provide information about specific regions in NZ as tourist destinations.
18238	Demonstrate knowledge of the Tourism Industry in NZ

Leads towards National Certificate in Tourism

COURSE COST: (for write on books)$50

ART YEAR 10 AR1001

ENTRY REQUIREMENTS
Selection for entry to Year 10 will be based on demonstrated performance and attitude. The structure is similar to Year 9 but at a much higher and more in-depth level. Students who have not previously taken Art, should see HOD if they are considering this option.

LENGTH OF COURSE
Full Year

COURSE DESCRIPTION
- Drawing
- Painting
- Design
- Sculpture

Units of work can vary. Popular units are Wearable Arts/Masks and skateboard design.

AIM
- Similar to Year 9 but with a much higher level of skills.
- Students at the end of this course will have developed further skills to enable them to tackle the senior courses with confidence.

COURSE DESCRIPTION
Similar to Year 9 but at a higher level with extension in some areas .

ASSESSMENT
Internally assessed with end of year exam.

ART YEAR 11 AR1101

ENTRY REQUIREMENTS
Entry is based on the proven performance and attitude at the Year 10 level. Students must show this in their personal portfolios and end of year examination.

LENGTH OF COURSE
Full Year

AIM
To develop an understanding of the art and forms of different cultures and make informed comment about art works.

COURSE DESCRIPTION
- Drawing: Observational and drawing skills extended throughout the year
- Painting: Extending skills using relevant artist model
- Printmaking: Extending skills into relief print making (woodcut)
- 3D: Develop works in this area where relevant
- Design Ongoing development or design skills
- Research and develop works using Maori, Pacific and European traditions

ASSESSMENT
12 credits are internally assessed and 12 credits externally assessed.

QUALIFICATIONS
NCEA Level 1
1.1 Research art and artworks from Maori and European traditions and their contexts
1.2 Use drawing processes and procedures
1.3 Generate and develop ideas in making artworks
1.4 Extend ideas into other media and techniques

ART YEAR 12 AR1201

ENTRY REQUIREMENTS
A minimum of 15 credits at Level 1 Achievement Standards, 12 of which must come from the external folio or at discretion of HOD.

LENGTH OF COURSE
Full year.

AIM
To provide an experience of the various disciplines within the Arts before specialisation at Year 13.
To develop an understanding of materials and processes, acquire knowledge and understanding of the art forms of different cultures and make informed comment about art works.

COURSE DESCRIPTION
- Drawing: Observational and drawing skills extended and developed throughout year
- Painting:) Extending skills and using relevant artist
- Printmaking) models to produce original works
- Photography) Photoshop Computer program is used for
- Design) design & photography

ASSESSMENT:
24 credits are internally assessed

QUALIFICATIONS
NCEA Level 2
2.3 Generate and develop ideas using drawing processes and procedures in design, painting, photography, printmaking.
Each unit is worth 6 credits.

EQUIPMENT:
Students need a reasonable quality digital camera, which can be used on auto setting or manual. A simple point and shoot with around 7 megapixels is adequate.

COURSE COST: Printing $40 payable at the Office

ART Photography/Painting/Design YEAR 13 AR1301

ENTRY REQUIREMENTS
Minimum of 12 credits at Level 2 Achievement Standards or at discretion of HOD.

LENGTH OF COURSE
Full Year

AIM
To develop an understanding of materials and processes, acquire knowledge and understanding of the art forms of different cultures and make informed comment about art works.

COURSE DESCRIPTIONS

Painting

- research relating to subject matter and appropriate artist models
- observational drawing and drawing techniques
- developing sequences of drawings into completed paintings
- developing a personal style

Photography

- research relating to subject matter and appropriate artist models
- technical procedure: photography, film development and fine photographic printing
- producing a coherent thematic approach with a sequential development of prints leading to final compositions

Design

- research relating to subject matter and appropriate artist models
- definition of design problem and planning
- information research and application to design problems
- observational drawing and drawing techniques
- technical skills – using appropriate construction methods to construct models and final designs
- evaluation

ASSESSMENT
10 credits are internally assessed and 14 credits externally assessed.

QUALIFICATIONS NCEA Level 3

3.1 Research an art making tradition and discuss its influence on recent (design, painting, photography) practice
3.2 Generate, analyse and clarify ideas to show understanding of processes, procedures, materials and techniques in a drawing study within a selected form of design, painting, photography) practice
3.3 Demonstrate knowledge and understanding of existing procedures and practices in a selected form of (design, painting, photography) and the practice and extension of these in individual performance.

COURSE COST:

Y13 Painting	$40
Y13 Design	$60
Y13 Photography	$60

In addition allow $100-$200 for printing portfolio for Design & Photography (this is the cost of professional printing off-site).

Digital Cameras may be used.

Note – students may take up to any TWO of these programmes.

ART HISTORY YEAR 12 AH1201

ENTRY REQUIREMENTS.
A high level of written expression and understanding of language is expected, as well as an interest in art. Entry with 14 credits in English at Level 1 or higher or at discretion of HOD.

LENGTH OF COURSE
Full Year

COURSE DESCRIPTION
This subject supports and compliments History, English & Practical Art. Students can gain further literacy credits and develop knowledge of art and culture. We have found practical art students who take this subject produce stronger practical work. Art history helps develop an appreciation and understanding of artworks which enriches the experience of visiting galleries both in NZ and overseas.

The following options are studied:

- French Art
- Art in Aotearoa
- Maori Art

ASSESSMENT
Internal Assessment (I) = 12 credits
External Assessment (E) = 12 credits Total 24 credits

QUALIFICATIONS NCEA Level 2

2.1	AS90227	Discuss art works (E)
2.2	AS90228	Examine subjects & themes in Art (E)
2.3	AS90229	Examine techniques used in art (I)
2.4	AS90230	Examine an art movement (E)
2.5	AS90231	Research an Art History topic (I)
2.6	AS90232	Examine Art works in their environmental contexts (I)

ART HISTORY YEAR 13 AH1301

ENTRY REQUIREMENTS.
A high level of written expression and understanding of language is expected, as well as an interest in art. Entry with 14 credits in AH1201 or English at Level 1 or higher or at discretion of HOD.

LENGTH OF COURSE
Full Year

AIM
This course studies the art of the past and present and its relationships to society.

This subject supports and compliments History, English & Practical Art. Students can gain further literacy credits and develop knowledge of art and culture. We have found practical art students who take this subject produce stronger practical work. Art history helps develop an appreciation and understanding of artworks which enriches the experience of visiting galleries both in NZ and overseas.

COURSE DESCRIPTION
The following options are studied:

- 15th century Italian Painting
  ie. Renaissance Art
- Cubism and Abstraction 1900-1930
  ie. the beginnings of Modern Art
- Modern American Art

ASSESSMENT
11 credits internally assessed and 13 credits externally assessed

QUALIFICATIONS NCEA Level 3

3.1 Analyse Style in Art
3.2 Describe the meaning of iconographical motifs
3.3 Examine Media & processes in Art
3.4 Examine a theory & its role in Art
3.5 Investigate an Art issue
3.6 Examine the context of an Art work

MUSIC YEAR 10 MU1001

ENTRY REQUIREMENTS
To be able to play an instrument or sing, and read music at a junior level.

LENGTH OF COURSE
Full Year

AIM
To learn and develop music through active involvement in performance competition and listening skills.

COURSE DESCRIPTION

- Performance – regular monthly performances for both solo and group divisions
- Composition - One major piece

Music Knowledge - Rudiments
- Score reading
- Set works

SKILLS ACQUIRED

- Performance skills
- Creative skills
- Aural & Theory skills
- Musical analysis skills

ASSESSMENT
100% internal assessment

MUSIC YEAR 11 MU1101

ENTRY REQUIREMENTS
Completion of Music-Advanced or equivalent music experience in both performance and theory. Must be able to read music.

LENGTH OF COURSE
Full Year

AIM
To develop a perceptive, sensitive and discriminating response to music through active involvement in the three musical domains: performance, composition and listening skills.

COURSE DESCRIPTION

- Performance – four solo and/or group performances
- Composition – two pieces
- Music knowledge – study 3 pieces of different styles
- Score reading
- Aural skills – rhythm and melody dictation, chords, and general perception in both treble and bass clefs.

SKILLS ACQUIRED

- Performance skills
- Creative skills
- Aural discrimination
- Musical analysis skills

ASSESSMENT
19 credits will be internally assessed and 5 externally assessed.

QUALIFICATIONS
NCEA Level 1

1.1 Perform music as a featured soloist.
1.2 Perform music as a member of a group
1.3 Compose short pieces of music
1.4 Describe and transcribe simple music through listening.
1.5 Identify, describe and analyse fundamental materials of music.
1.6 Demonstrate knowledge of music works.

MUSIC YEAR 12 MU1201

ENTRY REQUIREMENTS
At least 12 credits in Level 1 Music or equivalent music experience in both performance and theory.

LENGTH OF COURSE
Full year.

AIM
To develop a perceptive, sensitive and discriminating response to music through active involvement in the three musical domains: performance, composition and listening skills.

COURSE DESCRIPTION
- Performance – four solo and/or group performances
- Composition – 2 required
- Music knowledge – study 2 pieces of different styles
- Aural skills – rhythm and melody dictation, chords, intervals, timbre and general perception

SKILLS ACQUIRED
- Performance skills
- Creative skills
- Aural discrimination
- Music analysis skills

QUALIFICATIONS
NCEA Level 2

2.1	Presenting contrasting performances as a featured soloist
2.2	Present a music performance as a member of a group
2.3	Compose a selection of music pieces
2.4	Create an instrumentation
2.5	Demonstrate aural skills through descriptors and transcription of music
2.6	Identify, describe and explain materials of music
2.7	Demonstrate knowledge and understanding of music works

MUSIC YEAR 13 MU1301

ENTRY REQUIREMENTS
At least 12 credits in NCEA Level 2 Music or at the discretion of the HOD.

LENGTH OF COURSE
Full Year

AIM
To develop a perceptive, sensitive and discriminating response to music through active involvement in the three musical domains: performance, composition and listening skills.

COURSE DESCRIPTION
A choice of two courses of study that can be interchanged
- Performance and/or composition weighted according to the student's strengths
- Music knowledge – comparison of music from different eras
- Aural skills – rhythm and melody dictation, stylistic questions
- Harmonic and Tonal analysis – using Roman chords and Jazz/rock chords

SKILLS ACQUIRED
- Performance skills
- Creative skills
- Aural discrimination
- Music analysis skills
- Harmonic classification skills

QUALIFICATIONS NCEA Level 3

Making Music – Total 24 credits

3.1	Present a performance of a programme of music as a member of a group	4 credits Int
3.6	Present a portfolio of musical compositions	8 credits Int
3.7	Prepare and present performances of music as a featured soloist	8 credits Int
3.8	Demonstrate aural skills across a range of Musical styles and genres	4 credits Ext

Music Studies – Total 24 credits

3.2	Examine the contexts that influence the expressive qualities of music	3 credits Int
3.3	Compare and contrast music works	8 credits Ext
3.4	Research and present a music topic	6 credits Int
3.5	Demonstrate and understanding of harmonic and tonal procedures in a range of music	3 credits Ext
3.6	Arrange music	4 credits Int

DANCE YEAR 11 DA1101

ENTRY REQUIREMENTS
At least one year dance training in any genre (PA1001 sufficient)

LENGTH OF COURSE
Full year

COURSE DESCRIPTION
Level 1 Course will cover:

- Choreographic devices and structures
- Elements of dance
- Safe practices
- Production experience
- History of dance
- Analysis of a dance video
- Performing experience

QUALIFICATIONS
The course will cover all Achievement Standards:

1.1 Compose movement sequences
1.2 Perform dance sequences
1.3 Perform a dance as a member of a group
1.4 View, interpret and respond to a dance performance (external)
1.5 Demonstrate knowledge of a dance genre or style (external)

Maximum credits to be achieved is 24

ASSESSMENT
8 credits external (theory)
16 credits internal (practical)

DANCE YEAR 12 DA1201

ENTRY REQUIREMENTS
At least 2 years dance training in any genre OR 12 credits Level 1 NCEA dance, PLUS 12 credits Level 1 English

LENGTH OF COURSE
Full year

COURSE DESCRIPTION
Level 2 Course will cover:

- Comprehensive use of choreographic structures and devices as well as elements of dance
- Production experience – students will organise a production
- Safe practices
- Analysis of a dance video
- History of Dance

QUALIFICATIONS
The course covers all Achievement Standards:

2.1 Choreograph a section of dance for a group dance work
2.2 Choreograph a solo dance
2.3 Perform ethnic or social dance
2.4 Perform in a theatre dance work
2.5 Analyse and respond to dance performance (external)
2.6 Demonstrate knowledge of influences on a selected dance genre or style (external)

Maximum credits to be achieved is 24

ASSESSMENT
8 credits external (theory)
16 credits internal (practical)

DANCE YEAR 13 DA1301

ENTRY REQUIREMENTS
At least 2 years dance training in any genre OR 12 credits Level 1 or 2 NCEA dance, PLUS 12 credits Level 1 English

LENGTH OF COURSE
Full year

COURSE DESCRIPTION
Level 3 Course will cover:

- Comprehensive use of choreographic structures and devices as well as elements of dance
- Students directing their own choreography for a small group to perform
- Production experience – students will organise all aspects of a production
- Safe practices
- Analysis of a dance video
- History of Dance

QUALIFICATIONS
The course covers all Achievement Standards:

3.1 Produce a dance for performance
3.2 Perform a solo or duet dance work
3.3 Perform a choreographed group dance work
3.4 Analyse and evaluate a dance performance (external)
3.5 Discuss the features and development of dance in Aotearoa/New Zealand (external)

Maximum credits to be achieved is 24

ASSESSMENT
8 credits external (theory)
16 credits internal (practical)

DRAMA YEAR 11 DR1101

ENTRY REQUIREMENTS
Selection will be based on student's demonstrated aptitudes in Year 10 or with the approval of the HOD.

LENGTH OF COURSE
Full Year

AIMS
- To develop students' skills of acting, through an understanding of drama techniques, elements and conventions
- To provide students with opportunity to perform a play for an audience and perform technical roles
- To provide opportunity for students to gain an NCEA Level 1 qualification in Drama
- To encourage students to develop a continuing creative interest in Drama.

COURSE DESCRIPTION
The four strands are:
- Developing practical knowledge in Drama
- Ideas in Drama
- Interpreting meaning in Drama
- Communicating & Understanding Drama in its social context

SKILLS ACQUIRED
- Dramatic techniques and conventions
- Initiation of ideas for Drama
- Drama performance
- Critical response to others' drama presentation (lighting, use of music & sound effects, stage construction)
- Use of technology presentation to enhance dramatic meaning
- Reviewing Drama performance in context

ASSESSMENT
All internally assessed *except* for the end of year examination.
24 credits

QUALIFICATIONS
NCEA Level 1 Achievement Standards, selected from:
1.1 Use of drama techniques
1.2 Use of elements and conventions to devise drama
1.3 Demonstration of knowledge of a drama/theatre form through performance
1.4 Perform an acting role
1.5 Perform a technical/production role
1.6 External written examination – end of year

NOTE: Students are required to keep a written record of their activities as part of their assessment.
The course will require the application of some out-of-school time.
Students must attend at least <u>one</u> recommended live Theatre performance in preparation for AS 1.6

DRAMA YEAR 12 DR1201

ENTRY REQUIREMENTS
Selection will be based on students demonstrated aptitudes in Year 11 or in the case of those who have not studied Drama/Dance previously, on the recommendation of the Deans, and with the approval of the HOD.

LENGTH OF COURSE
Full Year

AIMS
- To develop students' skills of acting.
- To increase students' understanding of how drama is constructed.
- To enhance personal confidence.
- To encourage students to develop a continuing creative interest in Drama.
- To create opportunity for students to gain credits at Level 2

COURSE DESCRIPTION
The four strands are:
- Practical knowledge in Drama – techniques & conventions
- Ideas in Drama
- Interpreting meaning in Drama – rehearsal processes
- Understanding Drama in its social context

NOTE: the course **requires** the satisfactory completion of written work and the application of some out-of-school time for rehearsals close to performance dates.
Students must attend at least <u>one</u> recommended live performance in preparation for AS 2.6

SKILLS ACQUIRED
- Dramatic techniques and conventions
- Initiation of ideas for Drama
- Drama performance
- Critical response to others' drama presentations
- Use of technology to enhance dramatic meaning – lighting, sound, costuming etc.
- Reviewing Drama performance in context

ASSESSMENT
All internally assessed *except* for the end of year examination.
22 credits

QUALIFICATIONS
The following Level 2 Achievement Standards are offered in this course:

2.2 Applying Drama techniques in a scripted play
2.3 Structure, record and perform devised Drama using elements and conventions
2.4 Applying knowledge of a Drama form through performing a role
2.5 Performing a substantial acting or production role in a significant Production
2.6 External Examination

DRAMA YEAR 13 DR1301

ENTRY REQUIREMENTS
Selection will be based on students' demonstrated aptitudes in Year 12 Drama. Due to the academic demands of the course those who have not studied Drama previously will need to negotiate their placement on the course with the HOD and the Deans. A reasonable number of literacy credits are a necessary prerequisite.

LENGTH OF COURSE
Full Year

AIMS
- To develop students' skills of acting.
- To increase students' understanding of how drama is constructed.
- To enhance personal confidence.
- To encourage students to develop a continuing creative interest in Drama.
- To create opportunity for students to gain credits at Level 3
- To prepare students for further study in the theatre industry and/or alternative fields.

COURSE DESCRIPTION
The four strands are:
- Practical knowledge in Drama – techniques & conventions
- Ideas in Drama
- Interpreting meaning in Drama – rehearsal processes
- Understanding Drama in its social context

NOTE: the course **requires** the satisfactory completion of written work and the application of some out-of-school time for rehearsals close to performance dates.
Students must also attend at least two live performances in preparation for AS 3.6

SKILLS ACQUIRED
- Dramatic techniques and conventions
- Initiation of ideas for Drama
- Drama performance
- Critical response to others' drama presentations
- Use of technology to enhance dramatic meaning – lighting, sound, costuming etc.
- Reviewing Drama performance in context

ASSESSMENT
All internally assessed *except* for the end of year examination.
4 Achievement Standards 1 Unit Standard 24 credits in total

QUALIFICATIONS
The following Level 3 Standards are offered in this course:

3.2 Interpret scripted text and integrate drama techniques in solo or paired performance.
3.3 Devise a script and perform drama for solo, paired or trio performance
3.5 Research and carry out a performance or technical/production role in a significant production
3.6 Analyse drama processes in a new context and reflect critically on drama performance

16430 Explain and apply vocal techniques in text interpretation

PERFORMING ARTS YEAR 10 PA1001

ENTRY REQUIREMENTS
Selection will be based on students' demonstrated aptitudes in Year 9 and will be accepted into the course with HOD approval.
or
in the case of those who have not studied drama/dance previously, on the recommendation of the Deans

LENGTH OF COURSE
Full Year – 3 periods per week

AIMS
Similar to Year 9, although at higher skill-levels
Students will develop essential skills to enable them to take more senior drama/dance courses with confidence

COURSE DESCRIPTION
An extension of the Year 9 course. Students will participate in a number of Dance and Drama activities with an emphasis on performance qualities and preparation for Level 1 Dance and/or Drama.

ASSESSMENT
All internally assessed, with an end of year written examination. This result will be included in the end of year report.

Workbooks are now a compulsory component of this course and must be completed to an acceptable standard.

COURSE COST:
Students are required to buy 'Drama to Go' workbook – cost $10

INFORMATION TECHNOLOGY YEAR 10 IT1001

ENTRY REQUIREMENTS
Open entry.
Available to Year 10 students only.

LENGTH OF COURSE
Full Year (3 periods a week)

AIM
This course is a progression from the Year 9 Information Technology Course. The students continue exploratory learning with group work involvement. The aim of this course is to:

- Introduce numeracy skills (spreadsheet & database)
- Encourage creative and effective information skills
- Develop website design
- Further develop the technology process – applying a decision making model to produce a solution
- Critical thinking skills

COURSE DESCRIPTION
The following topics will be covered:

- Various application skills eg Word, Excel, Powerpoint, Publisher, etc
- Computer graphic skills
- Authoring and multimedia (including: digital camera, scanner, movie making, colour printer, CD creation, CD labeling etc.)
- Web design/creation skills
- Information skills – Internet and Communications Technology
  The technology process with a choice of group projects on; Digital Media, Networking systems, Robotics and Software development

COURSE COSTS: $25

INFORMATION MANAGEMENT TECHNOLOGY YEAR 11 IMT1101

ENTRY REQUIREMENTS
Entry is at the discretion of the HOD.
Year 10 Information Technology is recommended.

LENGTH OF COURSE
Full year (four periods a week)

AIM
This course aims to provide a range of learning experiences from the following "Digital Technology Guidelines" modules in line with the new Curriculum:

- Digital concepts and tools (eg WP, SS, DB, PPT, Publisher, etc)
- Digital media (eg Web design, Interactive Media, Images, Video etc)
- Programming (eg Scratch, Logo, simple command sequence)
- Digital society (eg ethics etc)

ASSESSMENT
Level 1 Achievement Standards
8 credits internally and 12 credits externally assessed.
Level 1 & 2 Computing Unit Standards (internally assessed)
Level 1: 4 credits, Level 2: 6 credits

QUALIFICATIONS – (subject to change)
The following Information Management Achievement Standards are offered in this course:
90032 Access and process information from different media
90033 Apply a decision-making model to produce a solution from a given brief
90034 Communicate information by extracting it from provided materials and composing it directly onto the keyboard
90035 Manage information using spreadsheet & text applications
90036 Apply design principles to produce documents

Computing Unit Standards:
18734 Create a web page using a template
18739 Create and use simple command sequences in a computer language
2786 Create and use a simple computer flatfile database to solve a problem
2791 Integrate spreadsheet and database data into a word processed document to solve a problem

COURSE COST: $25

TECHNOLOGY (IT) YEAR 12 ICT1201

ENTRY REQUIREMENTS
Students who have completed Year 11 IT successfully.
HOD discretion for students who have not completed an IT course.

LENGTH OF COURSE
Full Year (four periods a week).

AIM
This course aims to provide a range of learning experiences from the following "Digital Technology Guidelines" modules in line with the new Curriculum:

- Business technology
- Digital media (eg Web design HTML, Interactive Media, Images, Video etc)
- Software Development and Programming (eg Scratch, Flash)
- Digital society (eg ethics, leisure etc)

COURSE DESCRIPTION
Students will learn how to use Information and Communication Technology as a tool to solve appropriate problems. They will gain an understanding of how a computer works and an appreciation of the applications and implications of using a computer within a context.

ASSESSMENT– (subject to change)
All internally assessed

QUALIFICATIONS – (subject to change)

Computing Unit Standards Level 2		Credits
18736	Create a simple website using a text editor to meet the specifications of a given brief	4
2780	Demonstrate and apply knowledge of a personal computer system	9
2781	Manage and protect data in a personal computer system	3
2790	Use and maintain personal computer peripherals	3
5939	Produce computer graphics using base functions	3
5943	Investigate and operate leisure-oriented computer applications	3
5946	Use computer technology to present a topic	3
5959	Demonstrate an understanding of digitising video for multimedia computer applications	3
5960	Demonstrate an understanding of digitising sound for multimedia computer applications	3
5961	Demonstrate an understanding of digitising still images for multimedia computer applications	3
5962	Digitise text	2

COURSE COST: $25

TECHNOLOGY (IT) YEAR 13 ICT1301

ENTRY REQUIREMENTS
Entry at the discretion of HOD. Competency in ICT skills will be expected and a senior course should have been studied (preferably 12IT).

LENGTH OF COURSE
Full Year (4 periods a week)

AIM
This course aims to provide a range of learning experiences from the following "Digital Technology Guidelines" modules in line with the new Curriculum:

- Business technology
- Digital media
- Systems technology
- Digital society

ASSESSMENT – (subject to change)
Both Internal and External Assessment.

QUALIFICATIONS – (subject to change)
The following Achievement Standards will be offered in this course

Domain: Technology

Level 3 Achievement Standards		Credits
3.1	Develop a conceptual design to address a client issue	8
3.2	Develop a one-off solution to address a client issue	8
3.6	Explain knowledge that underpins an information and communication technology outcome (External)	4
3.7	Demonstrate advanced techniques in ICT	4

Unit Standards are offered in this course (subject to change)

Domain: Computing

Level 3 Unit Standards		
5940	Produce a presentation using a desktop presentation computer application	5
5956	Create images using a computer	3
5969	Investigate the use of telecommunications in an organisation	6
18737	Create a website for organisation use	5
18738	Create and operate an interactive website to provide a solution for an organisation	15
18748	Use a computer application to plan and monitor a project for an organisation	5
18756	Use and maintain a computer database for business reporting and decision making	4

COURSE COST: $25

INFORMATION SCIENCE YEAR 13 IT1301

ENTRY REQUIREMENTS
Students should have a strong IT interest or background.
Entry at the discretion of the HOD.

AIMS:
This course aims to provide a range of learning experiences from the following "Digital Technology Guidelines" modules in line with the new Curriculum:

- Business technology
- Digital media (eg Interactive Media etc)
- Systems technology (eg Basic, Linux and DOS OS commands, etc)
- Electronics and control (eg Boolean algebra, Electronic logic etc)
- Digital society

This course is designed to cater for students who have a particular interest in computer **science**. It is designed to cover some topics that are not part of general IT applications courses.

ASSESSMENT – (subject to change)
100% Internal Assessment using Unit Standards

QUALIFICATION – (subject to change)
The following Unit Standards are offered in this course (subject to change)

Domain: Computing		Credits
Level 3 Unit Standards		
2783	Demonstrate knowledge of the components of personal computer systems	3
5947	Use computer technology to solve a specified Problem	3
5950	Investigate the use of computer technology in an organisation	6
5963	Design and assemble a multimedia computer application without scripting	3
5965	Work cooperatively using workgroup computer Software	3
5967	Create a computer controlled robot using a kitset	5
Level 4 Unit Standards		
2796	Demonstrate knowledge of principles of electronic logic for computing	9
6745	Use single-user and multi-user computer operating systems	5

COURSE COST: $25

GRAPHICS YEAR 10 GR1001

ENTRY REQUIREMENTS
Satisfactory completion of Year 9 Graphics with grades of Variable (Va) or better for both 'Conduct' and 'Effort' or HOD approval

LENGTH OF COURSE
Full Year, 3 periods per week.

AIM
To provide a variety of challenging design and drawing experiences which will promote students' awareness and understanding of technologies.

COURSE DESCRIPTION
The course will incorporate projects focusing on the design process. A range of graphics materials will be utilised to design, create, build, test and evaluate models and prototypes. Skills such as; model building, material knowledge, freehand sketching, accurate construction methods, technical illustration methods and conventions will be explored, plus some computer-generated drawing experiences.

SKILLS ACQUIRED

- Sketching and instrumental drawing skills
- Basic design & the design process
- Pictorial drawing presentation techniques
- Logos and associated geometrical skills
- Modelling & packaging skills
- Data graphics & presentation techniques
- Use & care of drawing equipment
- Graphic computer packages
- Working drawings & standards
- Investigation & evaluation of design

ASSESSMENT
Students will be tested after each module is completed. There will be 5 levels of achievement, A - E as for the Year 9 course.

GRAPHICS YEAR 11 GR1101

ENTRY REQUIREMENTS
Satisfactory completion of Year 10 Graphics with grades of Variable (Va) or better for both 'Conduct' and 'Effort' or HOD approval.

LENGTH OF COURSE
Full Year, 4 periods per week

AIM
To promote in students the development of enquiry and discrimination skills and encourage initiative, ingenuity and resourcefulness through graphic activities based on real situations.

COURSE DESCRIPTION
The course will be divided into projects covering all NCEA Level 1 Assessment Standards. Design, graphic and presentation skills will be enhanced from previous year to achieve best results at assessment.

SKILLS ACQUIRED
- Sketching and instrumental drawing skills
- Design skills and the design process
- Illustration and modelling skills
- Learning CAD programmes
- Presentation techniques
- Learning the language of graphics & draughting standards
- Learning about spatial perception & forms of pictorial drawing techniques

ASSESSMENT
12 credits internally assessed, 12 external credits are assessed through a portfolio presentation.

QUALIFICATIONS Level 1 NCEA
1.1 Produce freehand sketches
1.2 Produce geometrical shapes & solids
1.3 Produce instrumental working drawings
1.4 Produce pictorial drawings using instruments and render these drawings
1.5 Produce mock-ups and models.
1.6 Apply the design process, incorporating design principles to identified needs & opportunities
1.8 Present design ideas that show design features and functions

GRAPHICS YEAR 12 GR1201

ENTRY REQUIREMENTS
16 credits at Level 1 NCEA Graphics or at the discretion of the HOD.

LENGTH OF COURSE
Full Year 4 periods per week

AIMS
To plan and implement graphics that will promote in students an awareness and understanding of the technologies, and their applications, and of economic and environmental issues that encourage the exercising of aesthetic values.

To stimulate self-confidence, self-esteem, and a pride in achievement through the enabling students to achieve personal success in this subject.

COURSE DESCRIPTION
The course will be divided into projects covering all the NCEA level 2 Achievement Standards. A thorough knowledge in graphical techniques and materials will be covered.

SKILLS ACQUIRED
- Instrumental drawing & design
- Sketching, rendering and shading
- Modelling and Computer Graphic skills
- Presentation & design skills
- The language associated with graphics
- Spatial perception
- Design

ASSESSMENT
This course will be assessed by four Internal and four External Achievement Standards. A folio of work will be presented at the end of the year.

QUALIFICATIONS
Level 2 NCEA
2.1 Produce freehand sketches to show design ideas
2.2 Apply principles of orthographic projection.
2.3 Produce 2D & 3D instrumental drawings
2.4 Identify and analyse design and its implications on society
2.5 Produce mock ups and models to explore design ideas
2.6 Develop and present a solution for an architectural and/or environmental brief
2.7 Develop and present a solution for an engineering and/or technological brief
2.8 Develop and present a solution for a given media and/or technical illustration brief

GRAPHICS YEAR 13 GR1301

ENTRY REQUIREMENTS
16 credits at Level 2 NCEA or at the discretion of the HOD.

LENGTH OF COURSE
Full Year 4 periods per week

COURSE DESCRIPTION
The course will be divided into projects covering all the NCEA Level 3 Achievement Standards. A thorough knowledge in graphical techniques and materials will be covered and extended. Students will be required to develop an idea for a client for 3.1.

SKILLS ACQUIRED
- Instrumental drawing & design
- Sketching, rendering and shading
- Modelling and Computer Graphics
- Presentational skills & spatial perception
- The Language associated with graphics
- Design

ASSESSMENT
4 Internal and 2 External Achievement Standards

QUALIFICATIONS
NCEA Level 3
3.1 Develop a design solution to a negotiated brief using specialised graphics knowledge
3.2 Present a design solution using specialised knowledge that communicates design ideas
3.3 Develop and present a solution to an architectural or environmental design brief
3.4 Develop and present a solution to an engineering or technological design brief
3.5 Develop and present a solution to a media or technical illustration design brief

Scholarship will be offered to suitable candidates.

Unit Standard – Internal
7516 Produce rendered design graphics for presentation

HOME ECONOMICS YEAR 10 HE1001

ENTRY REQUIREMENTS
Open entry through HOD approval. Having completed Year 9 would be an advantage.

LENGTH OF COURSE
Full year – 3 periods per week

AIM
To enable students to develop health enhancing attitudes to food and nutrition, gain knowledge and confidence to safely prepare health promoting foods for themselves and others.

COURSE DESCRIPTION
Topics covered include
- The relationship between food and health
- Developing health enhancing strategies
- Safe and hygienic handling of food
- Safe and effective use of kitchen appliances
- Economical food preparation practices
- Unit standard assessments

This course has a practical component

SKILLS ACQUIRED
- Safe food preparation and serving skills
- Decision making
- Management skills
- Creativity
- Investigation skills
- Cooperation
- Using the design process to solve a problem/brief
- Application of knowledge and ideas
- Critical thinking about nutrition issues

ASSESSMENT
A variety of assessments will take place throughout the year using the Technology Curriculum and the Health and Physical Education Curriculum achievement objectives.

COURSE COST: $60

HOME ECONOMICS YEAR 11 HE1101

ENTRY REQUIREMENTS
Open entry with HOD approval. Completion of Year 10 Home Economics would be beneficial. Students requiring more support will be directed into an adjusted course (see below).

LENGTH OF COURSE
Full year – 4 hours a week (1 hour practical, 3 hours theory)

AIM
To enable students to develop health enhancing attitudes to food and nutrition, gain knowledge and confidence to safely prepare health promoting foods for themselves and others.

COURSE DESCRIPTION
Topics covered include:

- The relationship between food and health
- Nutrition
- Safe and hygienic preparation and presentation of food
- Making informed decisions about food based on cost and nutrition
- Analyse and evaluate nutritional information in making food choices

This course has a practical component

SKILLS ACQUIRED

- Safe food preparation and serving skills
- Decision making
- Management skills
- Creativity
- Investigation skills
- Critical thinking

QUALIFICATIONS
Achievement Standards
Internal
90144 Demonstrate safe food-handling practices and strategies 5 credits AS
90747 Plan and prepare food to meet the nutritional needs of an identified individual 6 credits AS
90143 Explore cultural influences on food choices, customs and beliefs 4 credits AS
External
90748 Interpret & apply Food + Nutrition Information 5 credits AS
90146 Identify how societal influences may impact on the wellbeing (hauora) of families 4 credits AS

ADJUSTED COURSE
(19 CREDITS – Unit Standards and 1 Achievement Standard)
6636 Apply knowledge of nutrition to Breads and Cereals 6 credits US
15620 Apply knowledge of hygiene and safety in preparation, serving and storage of food 6 credits US
15895 Demonstrate knowledge of boiling and baking in the commercial catering industry 2 credits US
90144 Demonstrate and apply safe food-handling practices and strategies 5 credits AS

COURSE COST:
The fees for the Home Economics course are $50.
Since the adjusted course carries more practicals, fees for this course will be $75.
Hospitality Standards Institute fees – for using their resources + $10 (optional) for Certificate of Achievement.

FOOD AND NUTRITION YEAR 12 HE1201

ENTRY REQUIREMENTS
Home Economics could be taken for the first time in Year 12 subject to satisfactory achievement in NCEA Level 1 English, and at the discretion of the HOD. Completion of Year 11 Home Economics is strongly recommended.

LENGTH OF COURSE
Full year – 4 periods per week

AIM
To provide students with skills and knowledge to make informed decisions about food and the other choices that will contribute to their own wellbeing and that of other people. They will develop strategies for addressing nutrition related issues.

COURSE DESCRIPTION
This course builds on the skills developed in Level 1 and provides an opportunity for students to extend their knowledge in food and nutrition. The main focus is to equip students with the skills, knowledge and understanding to critically examine broader food and nutrition issues on a personal, interpersonal and societal level. The course has particular emphasis on social justice and the societal influences on well-being (social, cultural and economic). As critical thinking is a key component to the assessment in this course, excellent communication and literacy skills are a distinct advantage.
NB This course is not based on medical topics of nutrition; more emphasis is placed on education about nutritional issues.

SKILLS ACQUIRED

- Critical Thinking
- Decision making
- Management skills
- Creativity
- Investigation skills
- Safe food preparation and serving skills

ASSESSMENT
Internal and External

QUALIFICATIONS
Achievement Standard based.

Internal
90243 Determine a nutritional concern for a targeted group 4 credits AS
6644 Provide nutritious food for a vegetarian 6 credits US
90245 Examine the nutritional considerations of people with high energy needs 4 credits AS
External
90244 Explore beliefs and practices associated with vegetarianism 4 credits AS
90246 Examine New Zealand dietary patterns 4 credits AS

COURSE COST: $50

FOOD AND NUTRITION YEAR 13 HE1301

ENTRY REQUIREMENTS
Completion of Year 12 Home Economics and NCEA Level 2 English is recommended. Entry at discretion of HOD.

LENGTH OF COURSE
Full year – 4 periods per week

AIM
Students will examine the societal influences on food choices, food preparation and eating patterns

COURSE DESCRIPTION
This course builds upon the skills developed in Level 2. It provides an opportunity for students to extend their knowledge of food and nutrition issues to a much deeper level of understanding. The main focus is to equip students with the skills and knowledge to critically examine the effect of health determinants on Well-being at a personal, interpersonal and societal level. A particular focus will be on developing strategies to address the issues. Level 3 NCEA Home Economics assessments require students to apply critical thinking skills using sociological, psychological and Health Promoting models, hence excellent communication and literacy skills are essential.
NB: As with Level 2, this course is not based on medicalised topics of nutrition; more emphasis is placed on the education about nutritional issues, but to a much deeper level than Level 2. This course is particularly relevant for students wishing to further their studies at a tertiary level in the fields of Health Sciences, Sociology, Psychology or Education.

SKILLS ACQUIRED
- Critical Thinking/Critical Action
- Management skills
- Investigation skills
- Safe food preparation and serving skills
- Research Skills

ASSESSMENT
Internal and External

QUALIFICATIONS
Achievement Standards – 19 credits

3.1 (90531) Explore a current nutritional health issue in NZ
6 credits Internal
3.2 (90532) Discuss strategies for achieving health-enhancing changes for an individual
4 credits Internal
3.3 (90533) Discuss the influences of media messages on food choices
4 credits External
3.4 (90534) Discuss the effects of globalisation on food choices in NZ
5 credits External

COURSE COST: $50

FOOD-CATERING & HOSPITALITY YEAR 12 HE1202

ENTRY REQUIREMENTS
Completion of Year 11 Home Economics is recommended. Entry is at the discretion of the HOD. Students will be directed into the appropriate course by the HOD. (see below)

LENGTH OF COURSE
Full year – 4 periods per week

AIM
To provide students with confidence, knowledge and essential skills for a career in catering and hospitality.

COURSE DESCRIPTION
Students will study food and catering.
Topics include:
- Food service and catering
- Preparation and presentation of food
- Food product development
- Food studies

The course has a large practical component

SKILLS ACQUIRED
- Decision making
- Management skills
- Creativity
- Investigation skills

ASSESSMENT
All internally assessed.

QUALIFICATIONS
Level 1 / 2 Course
15901 Prepare and present fruit and vegetables in the hospitality industry 2 credits Level 1 US
15900 Prepare and present meat in the hospitality industry 3 credits Level 1 US
15620 Apply knowledge of food hygiene and safety in the preparation, serving and storage of food 6 credit Level 1 US
19770 Prepare and present egg and cheese dishes in the hospitality industry 2 credits Level 1 US
167 Practise food safety methods in a food business 4 credits Level 2 US
6646 Develop a food product 5 credits Level 2 US
Level 2 Course
6646 Develop a food product 5 credits US
13285 Handle and maintain knives in a commercial kitchen
13276 Prepare and cook food by grilling in a commercial kitchen 2 credits US
13283 Prepare and present salads for service in a commercial kitchen 2 credits US
13271 Cook food by frying in a commercial kitchen 2 credits US
13278 Cook food by roasting in a commercial kitchen 2 credits US
13280 Prepare fruits and vegetables in a commercial kitchen 2 credits US
13281 Prepare and present basic sandwiches for service in a commercial kitchen 2 credits US
167 Practise food safety methods in a food business 4 credits Level 2 US

COURSE COST: $100
$30 for field trip to 'The Food Show'

FOOD-CATERING & HOSPITALITY YEAR 13 HE1302

ENTRY REQUIREMENTS
Catering and Hospitality can be taken in Year 13 by students who have a positive history in the Home Economics department. US 167 is a prerequisite. Entry is at the discretion of the HOD.

LENGTH OF COURSE
Full year – 4 periods per week

AIM
To provide students with confidence, knowledge and essential skills for a career in catering and hospitality.

COURSE DESCRIPTION
Students will study food and catering.
Topics include:

- Creativity with food
- Food for special occasions
- Food safety
- Coffee making
- Baking

The course has a large practical component

SKILLS ACQUIRED

- Safe food preparation and serving skills
- Management skills
- Creativity
- Investigation skills

ASSESSMENT
All internally assessed.

QUALIFICATIONS
Course includes Level 2 & 3 Unit Standards – 18 credits

15627 Demonstrate creativity in meal preparation and presentation 6 credits Internal
6648 Plan, prepare, and serve food for a special occasion 4 credits Internal
6630 Demonstrate knowledge of food safety 5 credits Internal
13272 Cook food by baking in a commercial kitchen 2 credits Level 2 US
17285 Demonstrate knowledge of espresso coffee equipment and recipes and prepare beverages under supervision 4 credits Level 2

COURSE COST: $100

TECHNOLOGY MATERIALS YEAR 10 TM1001
(Engineering, Furniture or Wood)

ENTRY REQUIREMENTS
Satisfactory completion of Year 9 Design Technology course in 2007 with grades of Variable or better for both Conduct and Effort, or HOD approval.

LENGTH OF COURSE
Full year 3 periods per week

AIMS

- To develop the skills needed by students to enter Level 1 NCEA programs.
- To enhance students problem solving skills.
- To encourage students to develop a continuing creative interest hard materials in technology.

COURSE DESCRIPTION
Projects are undertaken to incorporate a wide variety of materials including: metal, wood, plastics and composites. The design process/graphics and the ability to design are important aspects of the course and are incorporated into each project. Further topic areas included within technology are: energy, mechanisms and control systems.

The course aims to provide practical skills. Students will be taught safe working practices in tools and equipment.

It is the aim to create a practical outcome of a product researched and designed by the individual student.

SKILLS ACQUIRED

- Collection, analysis, presentation and communication of information
- Problem solving
- Critical thinking
- Numeracy
- Spatial perception

ASSESSMENT
Internally assessed throughout the year on the basis of A-E.

These Unit Standards may be offered to the more able student.
7522 Select and use materials to make products or prototypes
7523 Use, and care for, standard hand tools in materials technology
7524 Use cutting, shaping, assembly, and finishing processes in materials technology

COURSE FEE: $60 (2007)

TECHNOLOGY MATERIALS – Metal YEAR 11 TM1101

ENTRY REQUIREMENTS
Satisfactory completion of Year 10 Design Technology course in 2007 with grades of Variable or better for both Conduct and Effort, or HOD approval.

LENGTH OF COURSE
Full year 4 periods per week

AIMS
- To provide a practical course in Engineering leading towards a National Certificate in Mechanical Engineering geared for secondary students
- Learn about workshop processes, techniques and tools
- Learn about fastening, assembly & welding processes
- Use a range of metals and plastic materials

ASSESSMENT
The four core units total 24 credits towards the final qualification. 16 additional credits from NCEA or other elective unit standards can be used to complete the 40 credits required for the National Certificate.

QUALIFICATIONS
The following Level 1 Unit Standards will be offered:

22926	Demonstrate knowledge of safety procedures in engineering	2 credits
22923	Demonstrate basic engineering workshop skills	12 credits
22924	Develop a single product using engineering materials	10 credits

COURSE COST: $75 (2007)

TECHNOLOGY MATERIALS – Metal YEAR 12 TM1201

ENTRY REQUIREMENTS
16 credits at Level 1 NCEA Technology with grades of Variable or better in both Conduct and Effort or HOD approval.

LENGTH OF COURSE
Full Year 4 periods per week

AIMS
- To develop the skills for NCEA Level 2 and tertiary training
- To develop a technologist approach to design
- To encourage students to develop skills in Engineering such as Plumbing, Fitting and Turning, Gas Welding

COURSE DESCRIPTION
The course will be divided into projects covering the NCEA Level 2 assessment standards.
Students will:
- Experience a practical metal-based course
- Develop skills in Materials Technology
- Use advanced specialist equipment such as the Drill Mill, Metal Moulding, Metal Forging, Lathe and Welding Machines
- Research tasks to develop subject related knowledge with technological problems

SKILLS ACQUIRED
- A wide range of practical skills and techniques
- Knowledge of equipment and processes
- Design appreciation and evaluation

ASSESSMENT
NCEA Level 2 Technology
Unit Standards Level 2 details to be confirmed.

QUALIFICATIONS

Unit Standards		Credits
497	Workplace health & safety	1
21911	Engineering Worksite safety	1
2430	Engineering Sketching	4
2432	Geometric plane construction	3
2395	Engineering hand tools	4
4433	Simple Measuring equipment	2
4435	Engineering Measuring equipment	3
4436	Engineering marking out tools	4
20917	Engineering materials	2
21905	Engineering trade calculations	4
21908	Basic Engineering Mechanics	2

COURSE COST: $75.00 (2007)

TECHNOLOGY MATERIALS – Metal YEAR 13 TM1301

ENTRY REQUIREMENTS
16 credits at Level 2 NCEA technology with grades of Variable or better in both Conduct and Effort or HOD approval.

LENGTH OF COURSE
Full Year 4 periods per week

AIMS
- To develop the skills for NCEA Level 3 and tertiary training
- To develop a technologist approach to design
- To encourage students to develop advanced Engineering skills using all the Metal shop equipment.

COURSE DESCRIPTION
The course will be divided into projects covering the NCEA Level 3 assessment standards.
Students will:
- Experience a practical metal-based course
- Develop skills in Materials Technology
- Use advanced specialist equipment such as the Drill Mill, Metal Moulding, Metal Forging, Lathe and Welding Machines.
- Research tasks to develop subject related knowledge with technological problems.

SKILLS ACQUIRED
- A wide range of practical skills and techniques.
- Knowledge of equipment and processes.
- Design appreciation and evaluation.

ASSESSMENT
NCEA Level 3 Technology
Unit Standards Level 3 – details to be confirmed

QUALIFICATIONS
A selection of Level 3 Technology Unit and Achievement Standards agreed upon between individual students and the Technology Department staff.

COURSE COST: $75.00 (2007)

TECHNOLOGY MATERIALS - Textiles YEAR 10 TT1003

ENTRY REQUIREMENTS
Completion of Textile Technology in Year 9 is recommended

LENGTH OF COURSE
Full year – 3 periods per week

AIM
To develop confidence and independence while working with a range of equipment and to have fun creating original and personally designed articles.

COURSE DESCRIPTION
Students will:
- Enhance their skills and understanding of design principles and fabrics
- Research to develop investigative skills and subject knowledge
- Use a range of specialist equipment
- Use a wide range of materials
- Gain Level 1 credits to contribute towards the Level 1 NCEA

SKILLS ACQUIRED
- Competency in a wide variety of sewing equipment including computerised sewing machines and overlockers
- Competency in more advanced sewing skills and techniques
- Management of resources
- Use a design process to produce a solution to a design brief.

ASSESSMENT
A variety of assessments will take place throughout the year using the Technology Curriculum achievement objectives.
Students will have the opportunity to be assessed against Level 1 Unit Standards – gaining credits towards Level 1 NCEA.

6678	Use a commercial pattern	3 credits
6680	Prepare, cut and mark fabric	3 credits

COST
Estimate – Materials $60 costs depending on fabric choice

COURSE COST: $30
If students do not possess an equipment package this will need to be purchased at a cost of $33.00

TECHNOLOGY MATERIALS - Textiles YEAR 11 TT1103

ENTRY REQUIREMENTS
Completion of Textile Technology at a junior level is recommended. Entry is based on the proven performance and attitude in a junior Textile Technology course and is at the discretion of the HOD.

LENGTH OF COURSE
Full Year – 4 periods per week

AIM
To develop an understanding and appreciation of textiles, design, construction techniques and research. This enables students to produce high quality creative items.

COURSE DESCRIPTION
Students will experience:

- A practical design based course
- Practical fabric based projects with accompanying design and research work
- Research tasks to develop investigative skills and subject knowledge
- A range of specialist equipment
- A wide range of materials

SKILLS ACQUIRED

- A wide range of practical skills and techniques
- Knowledge of equipment and processes
- Design appreciation and evaluation

ASSESSMENT
Internal and external using Unit Standards and Achievement Standards.

QUALIFICATIONS
Achievement Standards
1.1 Develop a technological solution to address a given brief 6 credits (Internal)
1.5 Demonstrate understanding of technological knowledge 4 credits (External)
1.6 Present a technological solution that addresses the requirements of a brief 4 credits (Internal)
Unit Standards
6683 Construct a garment from woven fabric 5 credits (Level 1)
6682 Construct a garment from knit fabric 5 credits (Level 1)

COST
Estimate – Materials cost $100 depending on fabric choice

COURSE COST: $30
If students do not possess an equipment package this will need to be purchased at a cost of $33.00

TECHNOLOGY MATERIALS - Textiles YEAR 12 TT1203

ENTRY REQUIREMENTS
Completion of Textile Technology at a junior level is strongly recommended. Entry is based on the proven performance and attitude in a junior Textile Technology course, and is at the discretion of the HOD.

LENGTH OF COURSE
Full Year – 4 periods per week

AIM
To further develop practical skills and related knowledge, widening students experience including specialised skills and techniques and to prepare them for tertiary courses.

COURSE DESCRIPTION
This course consists of 3 practical projects.
Students will experience

- A practical design based course
- Practical fabric based projects with accompanying design and research work
- Research tasks to develop investigative skills and subject knowledge
- A range of specialist equipment
- A wide range of materials

SKILLS ACQUIRED

- A wide range of practical skills and techniques
- Knowledge of equipment and processes
- Design appreciation and evaluation

ASSESSMENT
Internal using Unit Standards

QUALIFICATIONS
Unit Standards – subject to change based on student skill and interest
6692 Construct a leisure garment Level 2 (5 credits)
6688 Incorporate applied design in fabric Level 2 (6 credits)
16837 Prepare for & produce fashion drawings Level 2 (2 credits)
6686 Create fabrics Level 2 (7 credits)
6697 Prepare for & create wearable Level 2 (6 credits)

COST
Estimate – Materials costs $100 depending on fabric choice

COURSE COST: $60
If students do not possess an equipment package this will need to be purchased at a cost of $33.00

TECHNOLOGPY MATERIALS - Textiles YEAR 13 TT1303

ENTRY REQUIREMENTS
Completion of Year 11 or Year 12 Textile Technology. Entry is based on the proven performance and attitude in Year 11 or 12 Textiles, and is at the discretion of the HOD.

LENGTH OF COURSE
Full Year – 4 periods per week

AIM
Students will develop their skills in designing, fitting and tailoring an outfit.

COURSE DESCRIPTION
This course consists of a number of practical projects.
Students will:

- Experience a practical design based course
- Develop and fit a complex pattern
- Use a range of specialist equipment
- Use a range of materials

SKILLS ACQUIRED

- Competency in a wide variety of equipment, designing and sewing techniques and processes
- Good management skills
- Design appreciation & evaluation

ASSESSMENT
Internal using Unit Standards

QUALIFICATIONS
Unit Standards – subject to change based on student skill and interest

6698	Develop and fit a garment of complex design	6 credits Level 4
6699	Prepare for and construct a garment for a formal occasion	6 credits Level 3
16840	Prepare for and produce fashion drawings for portfolio	5 credits Level 3
16841	Draft a garment or outfit pattern from a block	6 credits Level 3

COST
Estimate – Materials costs $200 depending on fabric choice

COURSE COST: $30
If students do not possess an equipment package this will need to be purchased at a cost of $33.00

TECHNOLOGY MATERIALS – Wood/Furniture YEAR 11 TM1102

ENTRY REQUIREMENTS
Satisfactory completion of Year 10 Design Technology course with grades of Variable or better in both Conduct and Effort, or HOD approval.

LENGTH OF COURSE
Full Year 4 periods per week

AIMS

- To develop the skills in Technology at NCEA Level 1
- To enhance students problem solving skills.
- To encourage students to develop a continuing creative interest in Wood working.
- To develop basic Furniture Making skills

COURSE DESCRIPTION
Students will experience:

- A practical design based course
- 2 practical wood projects with accompanying design and research work
- research tasks to develop investigative skills and subject knowledge
- a range of specialist equipment – such as the wood lathe and band saw
- a wide range of materials

SKILLS ACQUIRED

- A wide range of practical skills and techniques
- Knowledge of equipment and processes
- Design appreciation and evaluation

QUALIFICATIONS

Unit Standards		Credits
7522	Select and use materials	4
7523	Use, and care of hand tools	4
7524	Cutting, shaping, assembling and finishing	4
7525	Select materials and establish processes	4
7526	Use and care of portable machine tools	4
7528	Work to design tolerances in mark out & measuring	4

COURSE COST: $75 (2007)

TECHNOLOGY MATERIALS – Wood/Furniture YEAR 12 TM1202

ENTRY REQUIREMENTS
16 credits at NCEA Level 1 Technology with grades of Variable or better in both Conduct and Effort, or HOD approval.

LENGTH OF COURSE
Full Year

AIMS
- To develop the skills for NCEA Level 2 and tertiary training
- To develop a technologist approach in design
- To encourage students to develop skills in Furniture Making and allied fields such as Building and Joinery

COURSE DESCRIPTION
Students will:
- Experience a practical wood based course
- Develop skills in Materials Technology
- Complete Level 1 Furniture Industry Unit Standards
- Use advanced specialist equipment such as the thicknesser & overhand planer
- Research tasks to develop subject related knowledge with technological problems

SKILLS ACQUIRED
- A range of practical skills at industry level
- Knowledge of specialist equipment and modern production processes

ASSESSMENT
(a) Furniture Industry Units Level 2 details to be confirmed
(b) NCEA Level 2 Technology

QUALIFICATIONS

Unit Standards		Credits
2200	Assemble furniture components	10
2201	Make wooden furniture assembly jigs	2
2219	Set and operate planning machine	4
2220	Set and operate boring machine	4
2199	Use hand tools	4

COURSE COST: $75 (2007)

TECHNOLOGY MATERIALS – Wood/Furniture YEAR 13 TM1302

ENTRY REQUIREMENTS
16 credits at Level 2 NCEA Technology with grades of Variable or better in both Conduct and Effort or HOD approval.

LENGTH OF COURSE
Full Year

AIMS
- To develop skills for tertiary training
- To develop a technologist approach in design
- To encourage students to develop skills in Furniture Making and allied fields such as Building and Joinery.

COURSE DESCRIPTION
Students will:
- Experience a practical wood based course
- Develop skills in Materials Technology
- Complete Level 2 & 3 Furniture Industry Unit Standards
- Use advanced specialist equipment
- Research tasks to develop subject related knowledge with technological problems

SKILLS ACQUIRED
- A range of practical skills at industry level
- Knowledge of specialist equipment and modern production processes

ASSESSMENT
(a) Furniture Industry Units Level 2 & 3 General Certificate
(b) NCEA Level 3 Technology

QUALIFICATIONS
A selection of Level 3 Technology and Furniture ITO Unit and Achievement Standards agree upon between individual students and Technology staff.

COURSE COST: $75 (2007)

PHYSICAL EDUCATION YEAR 10 PE1001

AIM
To develop physical and social skills that enhance total well-being (hauora)
To develop positive patterns of participation in physical activity that will carry over to the future
To provide students with the skills to deal with issues relevant to young people

COURSE DESCRIPTION
Eight units will be covered in Year 9 and studied again in Year 10. This allows progression and a greater depth of knowledge and understanding to occur.
Units included:
Athletics
Basketball
Soccer
Volleyball
Dance/Gymnastics
Health related Physical Fitness
Hockey
Striking Actions

SKILLS ACQUIRED
- Physical skills
- Self management & competitive skills
- Communication skills
- Problem solving skills
- Social & cooperative skills

The College Physical Education uniform of green shirt and navy shorts or track pants is compulsory at all times during Physical Education.

YEAR 11 PHYSICAL EDUCATION

There are two courses offered at this level. PE1101, Physical Education and PE1102, Physical Recreation. Physical Education is the traditional course offered at this level and is assessed using Achievement Standards. Physical Recreation is a newly developed course and is assessed using Unit Standards. Of the two courses Physical Education is the more academically challenging. Entry to both courses will be at the discretion of the HOD.

PHYSICAL EDUCATION YEAR 11 PE1101

ENTRY REQUIREMENTS
A history of satisfactory participation in junior Physical Education and/or recommendation of Year 10 teacher.

LENGTH OF COURSE
Full year (4 hours/week). 50% theory 50% practical.

UNIFORM
Regulation PE uniform

AIM
To develop physical and social skills that enhance total well-being (hauora)
To enhance student knowledge of body structure and function in an applied setting
To encourage students to develop a continuing interest in Physical Education

COURSE DESCRIPTION
Physical skill development
Body structure and function
Skills, knowledge and social responsibility in team sports
Developing interpersonal skills in a sporting context

SKILLS ACQUIRED
Critical thinking
Personal Fitness
Physical Skills
Knowledge of body structure and function
Self management and interpersonal skills
Peer and self assessment techniques

ASSESSMENT
100% internally assessed
Up to 24 credits offered in Achievement Standards.

QUALIFICATIONS
The following achievement standards are offered:

Participate in physical activities.
Knowledge of how body structure and function.
Demonstrate quality of movement.
Explore how the body is portrayed in physical activity.
Demonstrate interpersonal skills and describe their effects.
Examine the quality of movement.

COST
($25) Purchase of workbook

PHYSICAL RECREATION YEAR 11 PE1102

ENTRY REQUIREMENTS
A history of satisfactory participation in junior Physical Education and/or recommendation of Year 10 teacher.

LENGTH OF COURSE
Full year (4 hours/week). 30% theory 70% practical.

UNIFORM
Regulation PE Uniform

AIM
To develop physical and social skills.
To encourage students to develop a continuing interest in physical activity.

COURSE DESCRIPTION
Physical skill development
Recreational and leisure activities
Skills, knowledge and social responsibility in team sports
Developing interpersonal skills in a sporting context

SKILLS ACQUIRED
Personal Fitness
Physical Skills
Self management and interpersonal skills
Peer and self assessment techniques

ASSESSMENT
100% internally assessed
Up to 20 credits offered in Unit Standards.

QUALIFICATIONS
Unit Standards are offered include:

- Adventure based learning
- Participate in different physical activities
- Participate in different team sports
- Participate in different individual sports
- Gain scientific knowledge about exercise and physical activity
- Manage personal physical fitness with guidance

COST
$60(to be confirmed)

YEAR 12 PHYSICAL EDUCATION

There are two courses offered at this level. PE1201, Physical Education and PE1202, Physical Recreation. Physical Education is the traditional course offered at this level and is assessed using Achievement Standards. Physical Recreation is a newly developed course and is assessed using Unit Standards. Of the two courses Physical Education is the more academically challenging. Entry to both courses will be at the discretion of the HOD.

PHYSICAL EDUCATION YEAR 12 PE1201

ENTRY REQUIREMENTS
At least 18 credits achieved in the 1101 course and/or the recommendation of the Year 11 teacher. Entry to students who have not completed the Year 11 course is at the discretion of the HOD.

LENGTH OF COURSE
Full year. (4 hours/week) 60% theory 40% practical

UNIFORM
Black or Navy Shorts/Trackpants & regulation Green Top or Senior PE Shirt

AIM
To further develop student knowledge and understanding of the theory and principles of physical education.
Through direct experience, acquire knowledge and understanding about movement.
To enhance knowledge and understanding of physical fitness and training principles and methods.

Modules:
Anatomy/Biomechanics
Exercise physiology
Sports performance
Motor skill learning
Principles and methods of training
Relationship between health and fitness
Sociological perspectives of a sporting event
Safety management
Trends in Physical Education

SKILLS ACQUIRED
Knowledge and analysis of body systems.
Knowledge and application of the principles of physical activity.
Develop and extend personal capabilities through skill learning.

ASSESSMENT
100% internally assessed. 24 credits offered

QUALIFICATIONS
The following achievement standards are offered:

- Examine the relationships between physical activity and health, and implications for self and society
- Describe how functional anatomy and biomechanical principles relate to performing physical activity
- Examine the principles and methods of training in relation to participation in physical activity
- Examine skill-learning principles and psychological skills in relation to physical activity
- Demonstrate performance in a physical activity in an applied setting
- Investigate the sociological significance of a sporting event, physical activity or festival
- Plan, apply and review leadership strategies in a group or team physical activity
- Demonstrate knowledge of safety issues and apply safety management procedures in a physical activity

COST
($25) Purchase of workbook

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PHYSICAL RECREATION YEAR 12 PE1202

ENTRY REQUIREMENTS
Satisfactory completion of the Year 11 course and/or by approval of the HOD.

LENGTH OF COURSE
Full year (4 hours/week). 30% theory 70% practical.

UNIFORM
Black or Navy Shorts/Trackpants & regulation Green Top or Senior PE Shirt

AIM
To develop physical and social skills.
To encourage students to develop a continuing interest in physical activity.

COURSE DESCRIPTION
Physical skill development
Recreational and leisure activities
Skills, knowledge and social responsibility in team sports
Developing interpersonal skills in a sporting context

SKILLS ACQUIRED
Personal Fitness
Physical Skills
Self management and interpersonal skills
Peer and self assessment techniques

ASSESSMENT
100% internally assessed
Up to 20 credits offered in Unit Standards.

QUALIFICATIONS
Unit Standards are offered include:

- Demonstrate knowledge and skills in individual sports
- Demonstrate knowledge and skills in team sports
- Demonstrate knowledge of leisure in the community
- Demonstrate self management through physical activity
- Participate in an outdoor pursuit activity

COST
$60(to be confirmed)

PHYSICAL EDUCATION YEAR 13 PE1301

ENTRY REQUIREMENTS
At least 16 credits achieved in the 1201 course and/or the recommendation of the Year 12 teacher. Entry to students who have not completed the Year 12 course is at the discretion of the HOD

LENGTH OF COURSE
Full year. 50% theory 50% practical

COST
($25) Purchase of workbook and $400 for the four day expedition.

UNIFORM
Black or Navy Shorts/Trackpants & Plain T Shirt

AIM
To examine the relationship between physical activity and well-being (hauora)
To apply appropriate skills that will contribute to a personal healthy lifestyle for self and others
To enhance knowledge and understanding of physical fitness and training principles

COURSE DESCRIPTION
Modules
Plan and review and Outdoor Pursuits Expedition
Appraisal of Sporting Performance
Performance Improvement
Sociological perspectives about physical activity in NZ
Influence physical participation of others
Trends in Physical Education and implication for self and others

SKILLS ACQUIRED
Critical thinking
Organisational skills
Motor skills
Personal fitness skills

ASSESSMENT
100% internally assessed, 24 credits offered

QUALIFICATIONS
The following achievement standards are offered:

- Apply knowledge to plan a physical activity programme or experience
- Explain the effectiveness of a physical activity and its influence on hauora and well-being
- Appraise performance and review a programme for performance improvement, for self or others
- Perform a physical activity to nationally developed performance standards
- Examine a current physical activity event or trend or issue impacting on NZ society
- Examine physical activity and take action to influence the participation of others.

OUTDOOR & PHYSICAL EDUCATION YEAR 11 OPE1101

ENTRY REQUIREMENTS
Satisfactory participation and completion of Year 10 Physical Education & Health and by approval of HOD PE and HOD OE.

LENGTH OF COURSE
Full year (4 periods per week)

COURSE DESCRIPTION
This is an introductory course for students who have an interest in the both Physical Education and the Outdoors. It provides an opportunity to experience and develop knowledge and skills in a variety of sports and outdoor pursuits. It includes both theory (50%) and practical (50%) components.

There are modules of work on:
- Kayaking
- Orienteering
- Rock Climbing and Abseiling
- Mountain biking
- Weather
- Volleyball
- Touch Rugby
- Fitness
- First Aid

SKILLS ACQUIRED
- Organisational skills
- Personal determination and team work
- Personal skills and knowledge in a variety of outdoor pursuits and sports
- Leadership
- Time management skills

ASSESSMENT
100% internally assessed through both Achievement Standards and Unit Standards.

QUALIFICATIONS
Up to 24 credits towards NCEA Level 1

COURSE COSTS:
$100 General Course Fee (covers trip costs)

NEXT STEP:
Year 12 Outdoor Education OE1201
Year 12 Physical Education PE1201
Year 12 Physical Recreation PE1202

Please note:
Course content may be subject to change.
$50 deposit required by 5 December 2008
(full course fee due by 20 February 2009)

OUTDOOR EDUCATION YEAR 12 OE1201

ENTRY REQUIREMENTS
Open entry with HOD OE and HOD PE approval.
An interest in the outdoors and a willingness to give considerable time outside the normal school day and weekends is required.

LENGTH OF COURSE
Full year (4 period per week)

COURSE DESCRIPTION
This is a course for students who have an interest in the outdoors. It provides an opportunity to develop knowledge and skills in a variety of outdoor pursuits. It includes both theory (50%) and practical (50%) components.

There are modules of work on:
- Kayaking/Sea Kayaking
- Adventure Based Learning
- Tramping/Bushcraft
- Mountaincraft
- Navigation
- Rockclimbing and Abseiling
- Weather
- First Aid

SKILLS ACQUIRED
- Organisational and time management skills
- Team work
- Personal determination
- Personal skills in a variety of outdoor pursuits
- Experiential learning
- Leadership
- Decision making
- Environmental education and awareness

ASSESSMENT
100% internally assessed

QUALIFICATIONS
Up to 24 credits towards NCEA Level 2

COURSE COSTS:
$450 General Course Fee (covers trip costs)
Food costs for trips are extra.
If students do not have their own equipment, additional expenses may include $5 per item per trip for hire of tramping boots, gaiters, pack or jacket.

NEXT STEP:
Year 13 Outdoor Education OE1301

Please note:
Course content may be subject to change
$150 deposit required by 5 December2008
(full course fee due by 20 February 2009)

OUTDOOR EDUCATION YEAR 13 OE1301

ENTRY REQUIREMENTS
Successful completion of 22 credits from OE1201 and by approval of HOD OE. A willingness to give considerable time outside the normal school day and weekends is required.

LENGTH OF COURSE
Full year (4 periods per week)

COURSE DESCRIPTION
This course further develops and builds on skills gained in OE1201. It offers outdoor experiences that will enhance personal and social development and foster outdoor leadership skills. It includes both theory (50%) and practical (50%) components.

There are modules of work on:

- Adventure Based Learning
- Group facilitation
- Tramping/Bushcraft
- Survival
- River Crossing
- Rock Climbing
- Expedition planning
- Risk management

SKILLS ACQUIRED

- Organisational and time management skills
- Team work
- Personal skills in a variety of outdoor pursuits
- Leadership
- Risk management
- Group facilitation
- Decision making
- Environmental awareness and education

ASSESSMENT
100% internally assessed

QUALIFICATIONS
Up to 36 credits towards NCEA Level 2 and 3

COURSE COSTS:
$600 General Course Fee (covers trip costs)
Food costs for trips are extra.
If students do not have their own equipment, additional expenses may include $5 per item per trip for hire of tramping boots, gaiters, pack or jacket.

NEXT STEP:
Tertiary Courses in Outdoor Education

Please note:
Course content may be subject to change
$250 deposit required by 5 December 2008
(full course fee due by 20 February 2009)

HEALTH YEAR 10 HL1001

ENTRY REQUIREMENTS
Compulsory

LENGTH OF COURSE
1 hour per week

AIM
To enable students to understand the basic requirements of good health, to develop a sense of responsibility for their own health, and to take constructive action for personal health, for the health needs of others and for health issues in the community.

SKILLS ACQUIRED
Both year levels cover four broad skill areas:

- Communicating – the focus is on understanding and expressing feelings, listening and being assertive
- Problem Solving – the focus is on making decisions and resolving conflict through negotiation
- Personal Management – develops skills for setting goals, managing time, coping with stress and relaxation
- Caring – includes self care, caring for friends and family and for groups and society.

TOPICS COVERED
The following topics will be covered in more depth.

Year 10 Sexuality *
Drugs & Alcohol
Mental Health/Stress
Keeping Ourselves Safe

* Further information about the content of the sexuality programme is available on the College website. Caregivers have the right to withdraw children from areas of concern. Please contact the appropriate Health teacher or the HOD to discuss issues

HEALTH YEAR 11 HL1101

ENTRY REQUIREMENTS
An interest in health issues plus recommendation of Year 10 teacher.

LENGTH OF COURSE
Full Year – 4 hrs per week

AIM
To empower students with the knowledge and skills that will enable them to make health-enhancing decisions.

COURSE DESCRIPTION
- Achieving hauora/well-being
- Managing changing states of health
- Sexuality issues
- Issues relating to drug use
- Communication skills

SKILLS ACQUIRED
- Critical thinking
- Self management & interpersonal skills
- Problem solving & decision making
- Health-enhancing strategies
- Knowledge and understanding of health issues

ASSESSMENT
A combination of the following standards are offered.
8 credits are externally assessed

QUALIFICATIONS
The following Achievement Standards are offered in this course

1.1	Describe & apply concepts of & strategies for achieving hauora	4 credits
1.3	Describe strategies for managing changing states of health	4 credits
1.4	Demonstrate understanding of personal & interpersonal skills to enhance relationships	4 credits
1.5	Demonstrate understanding of sexuality issues	4 credits
1.6	Demonstrate understanding of issues relating to drug use.	4 credits

Unit Standards

14247	Demonstrate strategies to manage interpersonal conflict	3 credits
14256	Demonstrate knowledge of issues relating to HIV & AIDs	2 credits
14237	Examine success & strategies for dealing with success	2 credits

HEALTH & LIFE SKILLS YEAR 11 HL1102

ENTRY REQUIREMENTS
An interest in health issues. Approval of HOD.

LENGTH OF COURSE
Full Year – 4 hrs per week

AIM
To develop the knowledge & skills required to enable students to make health-enhancing decisions.

COURSE DESCRIPTION
- Communication skills
- Sexuality issues
- Managing decisions
- Goal setting

SKILLS ACQUIRED
- Self management & interpersonal skills
- Problem solving & decision making
- Knowledge and understanding of health issues

ASSESSMENT
All standards are internally assessed Unit Standards.

QUALIFICATIONS

Unit Standards		Credits
14235	Examine concepts, influences & choices for achieving well-being	3
14236	Explore & develop personal goals that contribute to well-being	2
14237	Examine success & strategies for dealing with success	2
14244	Demonstrate personal & interpersonal skills Within a health education context	4
14247	Manage interpersonal conflict	3
14254	Demonstrate knowledge of conception & Investigate methods of contraception	2
14255	Describe STI's & strategies to reduce the risk of infection	2
14256	Demonstrate knowledge of issues relating to HIV & AIDS	2

Plus Units from work & study skills, self management & social skills

HEALTH YEAR 12 HL1201

ENTRY REQUIREMENTS
An interest in social policy and health issues
Level 1 English
Prefer Level 1 Health, but not compulsory.

LENGTH OF COURSE
Full Year – 4 hrs per week

AIM
To further students' understanding of health issues within NZ at a personal, interpersonal and societal level.

COURSE DESCRIPTION
- Examine an adolescent health issue
- Examine aspects of mental health
- Develop, describe and implement a plan of action to enhance hauora/well-being
- Examine an issue relating to personal safety in interaction with others
- Examine issues associated with gender and sexuality

ASSESSMENT
9 credits are externally assessed.

QUALIFICATIONS
The following Achievement Standards are offered in this course:

2.1	Examine an adolescent health issue	5 credits
2.3	Develop, describe & implement a plan of action to enhance hauora/well-being	5 credits
2.4	Examine an issue relating to personal safety in interaction with others	4 credits
2.5	Examine issues associated with gender & sexuality	5 credits

The following Unit Standards may be offered in this course:

14257	Demonstrate knowledge & understanding of issues related to sexuality	2 credits
14251	Demonstrate understanding of disappointment, loss and grief	2 credits
14239	Describe stress and explore strategies for dealing with stress	2 credits
14248	Identify ways to address the effect of discrimination on well-being	3 credits

HEALTH & LIFESKILLS YEAR 12 HL1202

ENTRY REQUIREMENTS
An interest in health issues. Approval of HOD.

LENGTH OF COURSE
Full Year – 4 hrs per week

AIM
To empower students with the knowledge & skills to develop empathy and make health-enhancing decisions.

COURSE DESCRIPTION
- Sexuality issues
- Personal safety
- Stress & loss
- Acceptance & tolerance

ASSESSMENT
All standards are internally assessed Unit Standards.

QUALIFICATIONS

The following Unit Standards may be offered in this course:

14257	Demonstrate knowledge & understanding of issues related to sexuality	2 credits
14249	Demonstrate knowledge & strategies for safety in interactions with others	3 credits
14250	Examine issues related to sexual harassment	2 credits
14251	Demonstrate understanding of disappointment, loss and grief	2 credits
14239	Describe stress and explore strategies for dealing with stress	2 credits
14248	Identify ways to address the effect of discrimination on well-being	3 credits

Plus Units from work & study skills, self management & social skills.

HEALTH YEAR 13 HL1301

ENTRY REQUIREMENTS
An interest in social policy and health issues
Satisfactory achievement at Level 2 in social science or English

LENGTH OF COURSE
Full Year – 4 hrs per week

AIMS
- To foster students' understanding of health issues within NZ and the world today.
- To investigate major trends and developments in health.
- To develop critical thinking and the ability to take action to enhance well-being.

COURSE DESCRIPTION
- NZ Health Issues
- Alternative medicine in NZ
- Ethical issues in health
- World health issues
- Health promotion

ASSESSMENT
10 credits are internally assessed and 15 credits are externally assessed.

QUALIFICATIONS
The following Achievement Standards are offered in this course:

3.1	Analyse a health issue within NZ Society	5 credits
3.2	Analyse an international health issue	5 credits
3.3	Investigate a range of health practices in contemporary NZ	5 credits
3.4	Examine contemporary issues in relation to well-being	4 credits
3.5	Examine models of health promotion and their application to a community situation	5 credits

Some Unit Standards may also be offered.

14259	Investigate the social construction of body image and the impact on well-being	4 credits
14266	Use a health promotion to present an aspect of school or community well-being	5 credits

SPORTS COACHING & LEADERSHIP YEAR 12 SM1201

ENTRY REQUIREMENTS
This is a restricted course – all applicants will be considered.

LENGTH OF COURSE
Full Year

AIM
- To develop leadership skills through working in the sports coaching environment with Primary school children
- This course is designed for those students wishing to pursue a career in the sports and recreation industry, with a special emphasis in working with young people

COURSE DESCRIPTION
- SPARC Sport Leader course – teaching in Primary schools
- SPARC Getting Started in Coaching
- First Aid Training
- 2 hours practical per week

COURSE REQUIREMENTS
Minimum 4 hours per week

- Additional time outside the regular timetable coaching Primary School children.

ASSESSMENT
100% internal assessment

QUALIFICATIONS (Unit Standards)

		Level	Credits
12530	Participate in different team sports	1	3
12546	Apply knowledge of injury management in a physical activity	2	2
12532	Participate in different individual sports	1	3
12549	Discuss factors that influence participation in physical activity	2	3
21414	Plan and lead a recreation activity	2	4
6402	Provide resuscitation Level 2	1	1
6401	Provide First Aid	2	1

COURSE COST: Up to $60

SPORTS MANAGEMENT & COACHING YEAR 13 SM1301

ENTRY REQUIREMENTS
This is a restricted course – all applicants will be considered.
Cannot do PE1301 and SM1301.

LENGTH OF COURSE
Full Year

AIM
- To develop and apply the skills of sports coaching and management and to gain insight into sports administration
- The course is designed for those students who may be pursuing a career in the sports and leisure industry.

COURSE DESCRIPTION
- The Principles of Sports Coaching
- NZ Level 1 Sport Specific Coaching or Officiating
- SPARC Sport Leader 2
- Outdoor First Aid
- Event Management
- Sports injury prevention

COURSE REQUIREMENTS
Minimum of 4 hours per week
Considerable additional time outside the regular timetable is required including 2 lunchtimes per week.
- Coaching in Primary Schools
- Coaching/Officiating a winter/summer sports team
- Overnight camp for Outdoor first aid.

ASSESSMENT
100% internal assessment

QUALIFICATIONS (Unit Standards)

	Domain	Level	Credits
22768	Conduct & review a beginner level Coaching session	3	6
22771	Plan a beginner level coaching Session for sport participant	3	4
20673	Demonstrate knowledge of injury Prevention and management	2	4
12537	Assist others to participate in Physical activity	1	2
12538	Demonstrate leadership in physical Activity	2	3
12552	Demonstrate communication skills in a physical activity	2	3
12536	Plan, implement and review a Physical activity event	3	4
424	Administer First Aid in the outdoors	3	5
6402	Provide resuscitation level 2	1	1
6401	Provide first aid	2	1
6400	Manage first aid in emergency situations	3	2
Achievement Standard			
90438	Physical Education	2	3

COURSE COST: Up to $100