

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. As well as 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 2010. 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 or from specific 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. Similar endorsement of individual subjects or groups of related subjects will soon be available.

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 2010 are:

Accounting	Agriculture & Horticulture	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 2011 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 2010.

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. Details of assessment and qualifications are listed with each subject. An NCEA Level 1 certificate requires 80 credits including 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. NCEA Level 2 certificate requires 80 credits of which 60 should be Level 2 or higher.

List A	List B	List C
<ul style="list-style-type: none"> • English • Media Studies • Te Reo Māori • French • Japanese • Mathematics – Statistics & Algebra • 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 	<ul style="list-style-type: none"> • English Literacy • Science • Human Biology • Environmental Studies • Mathematics – Statistics • Mathematics – Statistics & Measurement • Travel and Tourism • Furniture Making • Technology Materials (Engineering) • Technology Materials (Metal/Wood) • Food-Catering and Hospitality • Outdoor Education • Physical Recreation • Health 	<ul style="list-style-type: none"> • Sports Coaching and Leadership • STAR (Transition Education) • Any Year 11 course subject to availability and discretion of HOD • Gateway

Year 13

In 2010, 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. Level 3 NCEA Certificate requires 80 credits of which 60 should be Level 3 or above.

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

COURSES 2010

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
French	French	French	Media Studies	English Literacy III
Te Reo Māori	Te Reo Māori	Te Reo Māori	French	Media Studies
Japanese	Japanese	Japanese	Te Reo Māori	French
			Japanese	Te Reo Māori
				Japanese
MATHEMATICS				
Mathematics	Mathematics	Mathematics	Mathematics	Mathematics/Calculus
			Mathematics – Statistics	Statistics & Modelling
			Mathematics – Statistics & Measurement	
SCIENCE				
Science	Science	Science	Science	
			Biology	Biology
			Chemistry	Chemistry
			Physics	Physics
			Human Biology	
Horticulture	Horticulture	Horticulture	Horticulture	Horticulture
SOCIAL SCIENCE & COMMERCE				
Economics	Economics	Economics	Economics	Economics
		Accounting	Accounting	Accounting
Social Studies	Social Studies	History	History	History
		Geography	Geography	Geography
			STAR/Transition	STAR/Transition
			Education	Education
			Travel & Tourism	Travel & Tourism
			Gateway	Gateway
			Environmental Studies	
THE ARTS				
Art	Art	Art	Art	Painting
				Photography
				Design
			Art History	Art History
Music or Performing Arts	Music	Music	Music	Music
	Performing Arts	Drama	Drama	Drama
		Dance	Dance	Dance
TECHNOLOGY				
Information Technology	Information Technology	Information Technology	Information Technology (IT)	Information Technology (IT)
				Information Science
Home Economics	Home Economics	Food & Nutrition	Food & Nutrition	Food & Nutrition
			Food-Catering and Hospitality	Food-Catering and Hospitality
Graphics	Graphics	Graphics	Graphics	Graphics
Technology - Textiles	Technology - Textiles	Technology - Textiles	Technology - Textiles	Technology - Textiles
or	or	or	or	or
Technology- Materials	Technology- Materials	Technology- Materials - Wood or Metal	Technology Materials- Furniture Making or Engineering	Technology Materials- Furniture Making or Engineering
HEALTH, PHYSICAL EDUCATION & SPORT				
Physical Education	Physical Education	Physical Education	Physical Education	Physical Education
		Outdoor Education	Physical Recreation	
		Health	Outdoor Education	Outdoor Education
Health	Health		Health	Health
			Sports Coaching & Leadership	Sports Management & Coaching

Compulsory Subjects are in bold

ENGLISH**YEAR 10****EN1001****ENTRY REQUIREMENTS**

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

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

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

- Novel
- Poetry
- Drama
- Film Study or Video Production
- Debating

Students may also complete other units at the discretion of their teacher. These include:

- Short Stories
- Non-Fiction
- Media

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

US8808 Wide Reading 3 credits Int

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

ENGLISH Alternative Course**YEAR 10****EN1002****ENTRY REQUIREMENTS**

Level 3 curriculum 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
- Poetry
- Drama
- Film Study

Students may also complete other units at the discretion of their teacher. These include:

- Short Stories
- Non-Fiction
- Media

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

US8808 Wide Reading 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 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 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
- Poetry
- Drama
- Film Study or Video Production
- Debating

Students may also complete other units at the discretion of their teacher. These include:

- Short Stories
- Non-Fiction
- Media

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
US8808	Wide Reading	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, 9 were covered at the end of Yr 10 in speech, static image and wide reading. 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, 6 credits can be gained in Yr 11 in creative writing and research. 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	(Year 10/11)	3 credits	Int

QUALIFICATIONS

NCEA Achievement Standards Level 1 and/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 32 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, 27 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.

Students who do not gain the required 8 credits will need to repeat this course in Year 12.

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
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 (Optional)	3 credits Int
2.8	Language Research	3 credits Int
<u>Unit Standard</u>		
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

ENTRY REQUIREMENTS

Fewer than 14 credits from EN 1101
8 or more credits from EN 1102

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 24 credits are available. Internally 18 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 and 4 Level 2 Reading credits in English to gain entry to many tertiary courses (Polytechnic or University).

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
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.

Students who do not gain Level 2 Literacy will be enrolled in a 1202 class if they return for Year 13.

ENGLISH**YEAR 13****EN1301****ENTRY REQUIREMENTS**

15 Achievement Standard credits at Level 2 including the required 8 UE 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**

Level 2 Literacy

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 challenging course develops language skills in English, with a particular focus on reading and writing transactional texts. Its aim is to prepare students for workplace environments and/or further study. This course presents work at Level 3 of NCEA – an advanced 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

MEDIA STUDIES**YEAR 12****EN1203****ENTRY REQUIREMENTS**

14 credits at Level 1, 5 of these should be achieved in external assessments or at the discretion of the Media Studies teacher

LENGTH OF COURSE

Full Year.

AIM

Students should be able to understand media language and how it contributes to the meaning of texts. Students will be expected to describe messages and values within texts, identify representations of groups and use technology competently to create original media products.

COURSE DESCRIPTION

Students will study a range of television and film texts to investigate the ways individuals, groups and issues are represented. They will also examine the codes and conventions that are used to give audience understanding. Students will plan, script, film and edit music videos towards NCEA credits. There will be a mix of in-class and homework assignments. There are 21 credits available in the course, 18 are internal and 3 are external.

SKILLS ACQUIRED

- Written skills
- Oral skills
- Visual literacy
- Comprehension and analysis skills
- Film planning, filming, editing skills

ASSESSMENT

US7465	Investigate the ways individuals, groups and issues are represented in the media	4 credits	Int
2.2	Close read unfamiliar media text	3 credits	Int
2.4	Demonstrate understanding of media genre	3 credits	Ext
2.5	Demonstrate understanding of narrative conventions in media texts	3 credits	Int
2.6	Design and produce a media product and evaluate the process used to create the product	6 credit	Int
2.7	Use technology in media production	2 credits	Int

QUALIFICATIONS

NCEA Media Studies Achievement Standards at Level 2

COURSE COSTS: \$20

MEDIA STUDIES

YEAR 13

EN1303

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 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 films within a genre and look at how these affect the people who watch them. They will look at directors and the codes and conventions of their films. Students will plan, script, film and edit documentaries 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. There are 20 credits available in the course, 16 are internal and 4 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

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

QUALIFICATIONS

NCEA Media Studies Achievement Standards at Level 3

COURSE COSTS: \$20

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 MĀORI**YEAR 10 'Te Weu'****TR1001****ENTRY REQUIREMENTS**

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

- Te Kainga
- Tangata Rongonui

LENGTH OF COURSE

Full Year

SKILLS ACQUIRED

Oral, written and research skills

AIM

To further develop basic skills from Year 9 course.

ASSESSMENT

Book work and oral tasks assessed

COURSE DESCRIPTION

Topics include:

- Basic Language Structures and Grammar
- Whanau Whanui
- Te Kura

QUALIFICATION

Unit Standard 7269

TE REO MĀORI**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.

SKILLS ACQUIRED

Listening, written and oral skills.

LENGTH OF COURSE

Full Year

ASSESSMENT

100% internal

AIM

To further develop written and oral language skills.

QUALIFICATION

Te Reo Māori Unit Standards: 20 credits

COURSE DESCRIPTION & QUALIFICATIONS

A thematic approach is used to enhance the productive and receptive skills of the student.

Themes include:

- Ngā Mahi o Neherā
- Kōrero Purākau
- Whakapapa
- Ngā Tohutohu
- Ngā Tupuna Māori

Level 1

	<u>Credits</u>
7257 Whakamahi i nga tikanga tuhituhi	3
7261 Tohu i nga whakautu	3
7265 Pānui tuhinga hei whakaatu i ngā 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 te reo o tona ao	

TE REO MĀORI**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

Whaikōrero

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

LENGTH OF COURSE

Full year.

Hui/Tangihana/Te Marae

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

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

Ngā taonga Māori

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

Purākau/Ngā kōrero o neherā

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

QUALIFICATION

Te Reo Māori Level 2 Unit Standards:	<u>Credits</u>
7258 Tito kōrero poto mō ngā take mai i ngā kōrero	5
7262 Tohu whakapuaki poto mō ngā take whānui	7
7266 Pānui rārangi tuhinga mō ngā take o te wā.	5
7270 Kōrero i ngā take mōna me āna painga mā 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 MĀORI

YEAR 13 ‘Te Atea’

TR1301

ENTRY REQUIREMENTS

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

SKILL ACQUIRED

Listening, comprehension, written and oral skills

LENGTH OF COURSE

Full Year

ASSESSMENT

100% internal

AIM

To further develop written and oral language skills.

QUALIFICATION

Unit Standards Level 3

Credits

COURSE DESCRIPTION

Thematic approach is used to enhance the productive and receptive skills of the student.

Themes include:

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

7259	Tuhi kōrero kia hāngai ki tetahi kaupapa	7
7263	Whakamārama i ngā korero o te wā	11
7267	Tātari haere i ngā kupu tauhou o tetahi tuhinga	7
7271	Kōrero i etahi whakaaro mō ngā 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.

SKILLS ACQUIRED

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

COURSE DESCRIPTION

The topics covered include:

- Number
- Measurement
- Statistics
- Algebra
- Geometry
- Problem solving

A scientific calculator is essential for these courses.

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

MATHEMATICS

YEAR 11

MA1101/02/03

ENTRY REQUIREMENTS

Suitable performance in the Year 10 Examination

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

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 improve students' confidence in using number

ASSESSMENT

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

COURSE DESCRIPTION

The six strands are:

- Mathematical processes
- Number
- Geometry
- Statistics
- Algebra
- Measurement

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 |
| 90150 | Use geometric techniques to produce a pattern or object (IA) |
| 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. |

SKILLS ACQUIRED

- Numeracy
- Spatial perception
- Generalisation
- Mathematical language

(IA) = Internally Assessed

MATHEMATICS

YEAR 11

MA1104

ENTRY REQUIREMENTS

Recommendation of Year 10 teacher.

ASSESSMENT

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

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.

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 |
| 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 |

COURSE DESCRIPTION

The three strands are:

- Number
- Statistics
- Measurement

SKILLS ACQUIRED

- Numeracy
- Collection, analysis, presentation and communication of information
- Problem solving

MATHEMATICS COURSES YEAR 12/13 Leading to UNIVERSITY COURSES

University Course	Year 13 Mathematics Course
Architecture	Mathematics with Calculus (required)
Arts	Statistics & Modelling (recommended)
Biomedical Science	Mathematics with Calculus (recommended) Statistics & Modelling (recommended)
Building Science	Mathematics with Calculus (required)
Business Information	Mathematics with Calculus or Statistics & Modelling (strongly recommended)
Commerce & Administration	Mathematics with Calculus or Statistics & Modelling (strongly recommended)
Computer Science	Mathematics with Calculus or Statistics & Modelling
Engineering	Mathematics with Calculus (strongly recommended) Statistics & Modelling (recommended)
Health Science	Mathematics with Calculus or Statistics & Modelling

MATHEMATICS – Statistics & Algebra YEAR 12 MA1201

Students completing this course will be eligible to enrol in Yr13 Mathematics with Calculus or Yr13 Statistics & Modelling

ENTRY REQUIREMENTS

Minimum of 18 credits in Level 1 Achievement Standards including Algebra, Graphing & Trigonometry

LENGTH OF COURSE

Full year.

AIM

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

COURSE DESCRIPTION.

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.

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

MATHEMATICS - Statistics

YEAR 12

MA1202

Students completing this course will **not** be eligible to enrol in Yr13 Mathematics with Calculus or Yr13 Statistics & Modelling

ENTRY REQUIREMENTS

Minimum of 12 credits in Level 1 Achievement Standards including Graphing & Trigonometry (the Trigonometry Unit Standard 5236 would be acceptable for entry to this course)

LENGTH OF COURSE

Full year.

AIM

- To develop the mathematical skills needed by students for employment
- To introduce students to practical statistics
- To advance students' problem solving, communicating and report writing skills

COURSE DESCRIPTION.

The topics covered include:

- Geometry & Measurement
- Statistics

SKILLS ACQUIRED

- Analysis, presentation & communication of information
- Critical thinking
- Investigation
- Problem Solving

ASSESSMENT

20 internally assessed Level 2 & Level 3 credits

QUALIFICATIONS

The following standards are offered in this course:

Level 2 Achievement Standards

- 90288 Statistics
- 90289 Probability
- 90291 Trigonometry

Level 2 Unit Standards

- 12318 Surveying
- 12331 Reporting on a given project

Level 3 Achievement Standards

- 90645 Statistical Investigations 3.10
- 90647 Mathematical Modelling

MATHEMATICS – Statistics & Measurement

YEARS 12

MA1203

Students completing this course will **not** be eligible to enrol in Yr13 Mathematics with Calculus or Yr13 Statistics & Modelling

ENTRY REQUIREMENTS

Minimum of 14 credits in Level 1 Achievement Standards or Unit Standards

LENGTH OF COURSE

Full year.

AIM

- To develop the mathematical skills needed by students for employment
- To introduce students to practical statistics
- To advance students' practical measurement skills

COURSE DESCRIPTION

The topics covered include:

- Geometry and Measurement
- Statistics

SKILLS ACQUIRED

- Informed decision making
- Investigation
- Problem solving
- Spatial awareness

ASSESSMENT

Up to 20 internally assessed Level 2 & Level 3 credits are available in this course

QUALIFICATIONS

The following standards are offered in this course:

Level 2 Unit Standards

- 5249 Networks/Optimising
- 5251 Trigonometry

12318 Surveying

- 12323 Designing a container
- 12329 Investigation of a Mathematical object

12331 Quantity surveying

Level 3 Achievement Standards

- 90645 Statistical Investigations

MATHEMATICS – With Calculus

YEAR 13

MA1301

ENTRY REQUIREMENTS

90284 Algebraic Expressions
 90285 Non-linear graphs
 90286 Calculus
 90292 Trigonometric Equations
 All four of these Level 2 Achievement Standards must be at Achieved level or better

LENGTH OF COURSE

Full year.

AIM

- To develop the mathematical skills and attention to detail required by students for further study in the Physical Sciences, Engineering and areas of Commerce
- 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
- Conics
- Trigonometry
- Complex numbers

SKILLS ACQUIRED

- Analysis, presentation and communication of information
- Generalisation
- Mathematical language
- 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 Algebra 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, algebra and statistics

COURSE DESCRIPTION

The topics covered include:

- Statistics
- Probability
- Algebra
- Mathematical modelling

SKILLS ACQUIRED

- Generalisation
- Mathematical language
- Analysis, presentation and communication of information
- Problem solving
- Critical thinking
- Report Writing

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
- 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 3 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

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 following:

Patterns of Life Workbook \$20

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

- 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
 12545 Apply functional anatomy to physical activity 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

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 (\$20)

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.

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:

- Carry out qualitative analysis
- Carry out an acid-base volumetric analysis
- Solve simple quantitative chemistry problems
- Describe the nature of structure & bonding in different substances
- Describe the structural formulae and reactions of compounds containing selected organic functional groups
- Describe thermochemical and equilibrium principles
- Describe oxidation – reduction reactions

The following Unit Standards are offered:

- Characterise the nature of chemical systems at equilibrium
- 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:

- Carry out an extended practical investigation involving quantitative analysis.
- Determine the concentration of an oxidant or reductant by titration

- Describe oxidation – reduction processes
- Describe properties of particles and thermochemical principles
- Describe aspects of organic chemistry
- Describe properties of aqueous systems

The following Units Standards are offered:

- Characterise the composition of acid and base solutions
- 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 Continuing Chemistry Workbook and Year 13 Theory Workbook for use during the course. They can be purchased at the school office at the start of the academic year.

Approximate price is \$45.00

HORTICULTURE**YEAR 10****HT1001****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
- Pests and Disease
- Bonsai

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 herbaria
- Growing of vegetables and flowers

ASSESSMENT

Assignments	40%
Tests	40%
Practical Work	20%

HORTICULTURE**YEAR 11****HT1101****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****HT1201****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****HT1301****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) \$17 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 during 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

- Understanding about Science
- Investigating in Science
- Communicating in Science
- Participating and Contributing

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 3 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: Three of the four compulsory topics require purchase of workbooks, costing approximately \$17 in total.

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 or BI1201

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

Most work is internally assessed. Assessment tasks will include written tests, practical tests, research and use of computer technology for processing data. Students could gain 33 Level 2 credits.

QUALIFICATIONS**Unit Standards**

- | | |
|-------|---|
| 6339 | Cosmetics - Chemistry |
| 6383 | Physics research – Rockets, Satellites & Space Probes |
| 8927 | Cells & Microscopes |
| 8928 | Cell Structure & Function |
| 8925 | Animal diversity |
| 8930 | Community Patterns |
| 21610 | Which material is safe? – IT & Chemistry |

Achievement Standards

- | | |
|-----|---|
| 2.1 | Rockets |
| 2.3 | Evolution of NZ Plants & Animals (optional) |

An Environmental Science topic e.g. 'Climate Change' may also be included - US 6352

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

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
- 1.5 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)

The following Unit Standard is offered in this course:

7360 Process financial information to a trial balance using the double entry system

COURSE COST:

A work book costing approximately \$25 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

Eight 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
- 2.4 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

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

Eight 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
- 3.6 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

7377 Describe and prepare financial statements for a company

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.

- How Money Developed
- How the Sharemarket Works
- New Zealand's Place in the World Economy

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

COURSE DESCRIPTION

Units of work include:

- The World of Business
- The Rights and Responsibilities of NZ Workers

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/Unemployment
- International Trade
- 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' to allocate resources (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 Understand marginal analysis and the behaviour of firms
- 3.2 Describe allocative efficiency
- 3.3 Describe market failure and government attempts to correct this
- 3.4 Describe 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)

ENTRY REQUIREMENTS

Open entry to Years 12 & 13

Entry at invitation of Deans & 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
- Career Pathways Unit

Additional Polytechnic courses may also be offered tailored to individual needs and suitability.

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:

- 1978 Identify basic employment rights and responsibilities
- 8491 Interpret tables and graphs
- 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

The above are an example of Level 1 & 2 papers that may be offered internally and by external providers to meet individual needs.

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****EV1201****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 minimise 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 interna, 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 2010.

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

15 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 5 day field trip to Rotorua 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: Beach Field Trip – March, Rotorua Field Trip Term 2. Costs to be advised February 2010

HISTORY**YEAR 11****HI1101****ENTRY REQUIREMENT**

History is a 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 6

- 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 3 or 4 of 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

STAR (Transition Education)**YEAR 12/13****ST12/1301****ENTRY REQUIREMENTS**

Entry at the discretion of the STAR co-ordinator

LENGTH OF COURSE

Full Year

NATURE OF COURSE

Self-learning programme. Courses are purchased from the tertiary providers

AIM

- To provide students with a range of positive options to remain at school.
- To provide students with skills for transition to the work force
- Offer students the opportunity to gain qualifications needed for employment
- Allow students to experience learning in non-conventional subjects
- Offer industry related courses and the opportunity to experience short taster programmes
- Enable students to gain credits towards qualifications which they can continue to pursue after leaving school

COURSE DESCRIPTION

All students initially complete career pathways units. When the above units have been completed and a career direction has been identified students can choose a course(s) of study from the following list (courses are provided by tertiary organisations):

Aviation, Agriculture, Building & Construction, Business Management, Early Childhood Education, Equine Studies, Electrical Supply, Farming, Hairdressing & Beauty Therapy, Motor Industry, Sport, Fitness & Recreation, Turf Management, Vet Nursing, Youthwork.

Courses offered subject to availability by tertiary providers. Other options are available by negotiation after completion of career pathways unit.

Work experience options are available by negotiation after the completion of theory papers.

RETAILING is offered as a separate programme. Students can work towards the National Certificate in Retail Level 2 & 3.

This programme is offered over four terms and learning material is provided. Entry to this programme is by negotiation with the STAR co-ordinator.

ASSESSMENT

100% internal assessment

COURSE COST:

There may be a cost involved with some programmes. The majority of the cost or all the cost will be met by the school depending on the course chosen.

SOCIAL STUDIES**YEAR 10****SS1001****ENTRY REQUIREMENTS**

30% or more in Year 9 examination and tests

LENGTH OF COURSE

Full Year

AIMS

Social Studies in the New Zealand Curriculum is about how societies work and about how people can participate as critical, informed, active and responsible citizens.

COURSE DESCRIPTION

The topics covered include:

- Politics and Worldviews
- Human Rights
- Fair Trade
- Environment

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

Yr12 – English – A minimum of 12 Credits at Level 1

Mathematics – A minimum of 8 Credits at Level 1

Yr13 – All of Yr 12 requirements. Also minimum of 6 English Credits Level 2

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 or Tourism School 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. They are working towards the National Certificate of Travel & Tourism. To complete this they will then need to attend a Polytechnic or Travel School.

COURSE DESCRIPTION

Students will study:

- Tourism Industry in New Zealand
- NZ as a tourist destination

SKILLS ACQUIRED

- Research - investigative
- Communication
- Customer service

ASSESSMENT

Unit Standards (Level 2 – Level 3)

QUALIFICATIONS

The following Unit Standards are offered in this course:

Level 2 - Tourism

24724	Demonstrate knowledge of the history of tourism	4 cr
24726	Describe & compare social & cultural impacts of tourism	3cr
24728	Demonstrate knowledge of work roles in tourism	3cr
24729	Demonstrate knowledge of world tourist destinations	4cr
24730	Demonstrate knowledge of the business of tourism	4cr
24731	Demonstrate knowledge of destinations within NZ	4cr
24732	Demonstrate knowledge of tourist characteristics and needs	3cr

Level 3

24725	Describe & analyse the economic significance of Tourism	4 cr
24733	Describe & promote a NZ tourist destination	4 cr
18211	Demonstrate knowledge of Australia as a tourist destination	8 cr
23766	Demonstrate knowledge of the Tourism Industry in NZ	5 cr
3727	Demonstrate knowledge of Pacific Island countries as tourist destinations	8 cr

COURSE COST: \$50 for write on books

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 especially drawing and painting.

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 work books and end of year examination.

ASSESSMENT

12 credits are internally assessed and 12 credits externally assessed.

LENGTH OF COURSE

Full Year

QUALIFICATIONS

NCEA Level 1

AIM

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

- 1.1 Investigate Maori and European art works from established practice
- 1.2 Use drawing processes and procedures
- 1.3 Generate and develop ideas in making artworks
- 1.4 Extend ideas in media and techniques

COURSE DESCRIPTION

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

COURSE COST: Printing \$15 payable at the Office

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.

ASSESSMENT:

24 credits are internally and externally assessed

LENGTH OF COURSE

Full year.

QUALIFICATIONS

NCEA Level 2

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.

- 2.2 Generate and develop ideas using drawing processes and procedures in two of design/painting/photography/printmaking.
Each standard is worth 6 credits (internally assessed)
- 2.3 Produce a body of work to show understanding of art making methods and ideas. 12 credits (externally assessed)

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

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****AR1301/02/03****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 1301**

- 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 1302

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

Design 1303

- 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
- Photoshop used as a design tool

ASSESSMENT

10 credits are internally assessed and 14 credits externally assessed.

QUALIFICATIONS NCEA Level 3

- 3.1 Research and analyse approaches within established photography/design/painting practice.
- 3.2 Project original work to show extensive knowledge of art-making methods and ideas.
- 3.3 Investigate and use ideas and methods in the context of a drawing study in photography/design/painting.

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 to 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.

Music Knowledge

- Rudiments
- Score reading
- Set works

LENGTH OF COURSE

Full Year

SKILLS ACQUIRED

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

AIM

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

ASSESSMENT

100% internal assessment

COURSE DESCRIPTION

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

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.

SKILLS ACQUIRED

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

LENGTH OF COURSE

Full Year

ASSESSMENT

19 credits will be internally assessed and 5 externally assessed.

AIM

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

QUALIFICATIONS

NCEA Level 1

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.

- 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 an understanding of harmonic and tonal procedures in a range of music | 3 credits Ext |
| 3.6 | Arrange music | 4 credits Int |

DANCE**YEAR 11****DN1101****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****DN1201****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****DN1301****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

Due to the implementation of the new Curriculum, lesson activities associated with new draft Achievement Standards will be trialled throughout 2010.

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 one 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

Due to the implementation of the new Curriculum, lesson activities associated with new draft Achievement Standards will be trialled throughout 2010.

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 one 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

Due to the implementation of the new Curriculum, lesson activities associated with new draft Achievement Standards will be trialled throughout 2010.

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**IT1101****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 Digital search, Planning (OpenProj, Inspiration etc), Evaluation, file management/structure, backup, help etc)
- Digital media (eg Web design, Interactive Media, Images, Video etc)
- Programming (eg Scratch, Logo, simple command sequence)
- Digital society (eg Cyber safe practices/ethics, IT careers, emerging technologies)
- Business technology (WP, SS, DB, PPT, Publisher, etc)

ASSESSMENT (subject to change)

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: 3 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

2791 Integrate spreadsheet and database data into a word processed document to solve a problem

COURSE COST: \$25

TECHNOLOGY (IT)**YEAR 12****IT1201****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, SmallBASIC)
- Digital society (eg ethics, emerging technologies 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)

<u>Computing Unit Standards Level 2</u>		<u>Credits</u>
2781	Manage and protect data in a personal computer system	3
2783	Demonstrate knowledge of the components of personal computer systems	3
2786	Create and use a computer database to solve a problem	3
2790	Use and maintain personal computer peripherals	3
5940	Produce a presentation using a desktop presentation computer application	3
18740	Create a simple computer program to the specifications of a given brief	3
20332	Use the Internet for information retrieval in an organization	3
25656	Create a website using a mark-up language to meet a set brief	3

COURSE COST: \$25

TECHNOLOGY (IT)**YEAR 13****IT1301****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)

Internal Assessment only.

QUALIFICATIONS – (subject to change)

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

Domain: ComputingLevel 3 Unit Standards

2797	Demonstrate knowledge of the principles of computer networks	4
18737	Create a website for organisation use	5
25658	Create a website for a stakeholder using a dedicated web-authoring tool	5
25782	Investigate the use of Information and Communication Technology in an organisation	6

Level 4 Unit Standards

18742	Create and operate a relational database to provide a solution for an organisation	15
5952	Demonstrate an understanding of information systems analysis	3

COURSE COST: \$25

INFORMATION SCIENCE**YEAR 13****IT1302****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

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

Domain: Computing		<u>Credits</u>
<u>Level 3 Unit Standards</u>		
5947	Use computer technology to solve a specified problem	3
25782	Investigate the use of Information & Communications Technology in an organisation	6
25661	Design and assemble an interactive media product without scripting	3
25660	Create a computer-controlled project	5
<u>Level 4 Unit Standards</u>		
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.

COURSE COSTS: \$15

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

COURSE COST: \$30

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

COURSE COST: \$35

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 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

COURSE COST: \$40

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

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: \$90

FOOD AND NUTRITION**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 |

CATERING COURSE OUTLINE

The course offers up to 18 credits at Level 1 NCEA. All of the assessments will be assessed during class or in the mid-year exams; There will be **NO** external exam at the end of the year

- | | | |
|-------|---|---------------|
| 15620 | Apply knowledge of hygiene and safety in preparation, serving and storage of food | 6 credits Int |
| 15895 | Demonstrate knowledge of boiling and baking in the commercial catering industry | 2 credits Int |
| 15900 | Prepare and present meat in the hospitality industry | 3 credits Int |
| 19901 | Prepare and present fruit and vegetables in the hospitality industry | 2 credits Int |
| 19770 | Prepare and present egg & cheese dishes in the hospitality industry | 2 credits Int |
| 15921 | Prepare and cook a cake, sponge & scones in the hospitality industry | 3 credits Int |

COURSE COST:

The fees for the Home Economics course are \$165
\$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: \$75

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: \$75

Depending on numbers, this course may be combined with HL1301

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.

QUALIFICATIONSLevel 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

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: \$165

Approx \$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: \$165

Optional \$10 for Certificate of Achievement

TECHNOLOGY MATERIALS**YEAR 10****TM1001****(Metal, Furniture or Wood)****ENTRY REQUIREMENTS**

Satisfactory completion of Year 9 Design Technology course 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

TECHNOLOGY MATERIALS – Engineering YEAR 11 TM1101**ENTRY REQUIREMENTS**

Satisfactory completion of Year 10 Design Technology course in 2008 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: \$80

TECHNOLOGY MATERIALS – Engineering 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
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: \$80.00

TECHNOLOGY MATERIALS – Engineering 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: \$80.00

TECHNOLOGY MATERIALS – Clothing/Textiles YEAR 10**TT1001****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 – Clothing/Textiles YEAR 11**TT1101****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 – Clothing/Textiles YEAR 12**TT1201****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/Achievement Standards – subject to change based on students 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 art
Level 2 (6 credits)

COST

Estimate – Material 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

TECHNOLOGY MATERIALS – Clothing/Textiles YEAR 13

TT1301

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/Achievement Standards – subject to change based on students 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 – Material costs \$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 – 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

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 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

COURSE COST: \$75 (2008)

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

- Furniture Industry Units Level 2 details to be confirmed
- NCEA Level 2 Technology

QUALIFICATIONS

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

COURSE COST: \$75 (2008)

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

- Furniture Industry Units Level 2 & 3 General Certificate
- NCEA Level 3 Technology

QUALIFICATIONS

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

COURSE COST: \$75 (2008)

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

SKILLS ACQUIRED

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

COURSE DESCRIPTION

Eight units were covered in Year 9 and will be 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
 Physical Fitness
 Hockey
 Sport for Fun

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 is one course offered at this level, PE1101. This course is assessed using Achievement Standards

PHYSICAL EDUCATION**YEAR 11****PE1101****ENTRY REQUIREMENTS**

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

SKILLS ACQUIRED

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

LENGTH OF COURSE

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

UNIFORM

Regulation PE uniform

ASSESSMENT

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

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

QUALIFICATIONS

The following achievement standards are offered:

COURSE DESCRIPTION

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

- | | |
|-----|--|
| 1.1 | Participate in physical activities. |
| 1.2 | Knowledge of how body structure and function. |
| 1.3 | Demonstrate quality of movement. |
| 1.4 | Explore how the body is portrayed in physical activity. |
| 1.5 | Demonstrate interpersonal skills and describe their effects. |
| 1.6 | Examine the quality of movement. |

COST

(\$25) Purchase of workbook

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:

- 2.1 Examine the relationships between physical activity and health, and implications for self and society
- 2.2 Describe how functional anatomy and biomechanical principles relate to performing physical activity
- 2.3 Examine the principles and methods of training in relation to participation in physical activity
- 2.4 Examine skill-learning principles and psychological skills in relation to physical activity
- 2.5 Demonstrate performance in a physical activity in an applied setting
- 2.6 Investigate the sociological significance of a sporting event, physical activity or festival

COST: \$25 Purchase of workbook

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:

- 2.2 Describe how functional anatomy and biomechanical principles relate to performing physical activity
- 2.3 Examine the principles and methods of training in relation to participation in physical activity
- 2.5 Demonstrate performance in a physical activity in an applied setting
- 2.7 Plan, apply and review leadership strategies in a group or team physical activity
- 2.8 Demonstrate knowledge of safety issues and apply safety management procedures in a physical 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 \$480 for the five day expedition.

UNIFORM

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

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

OUTDOOR & PHYSICAL EDUCATION

YEAR 11

OE1101

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

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: This course leads to:

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 7 December 2009
 (full course fee due by 25 February 2010)

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 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
- Mountaineering
- Navigation
- Rockclimbing and Abseiling
- Weather

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:

\$350 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: This course leads to:
Year 13 Outdoor Education OE1301

Please note:

Course content may be subject to change
\$100 deposit required by 7 December 2009
(full course fee due by 25 February 2010)

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 32 credits towards NCEA Level 2 and 3

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: This course leads to:
Tertiary Courses in Outdoor Education

Please note:

Course content may be subject to change
\$100 deposit required by 7 December 2009
(full course fee due by 25 February 2010)

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
 Interpersonal Skills
 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**YEAR 12****HL1201****ENTRY REQUIREMENTS**

An interest in social policy and health issues
Level 1 English
Level 1 Health or approval of HOD

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**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 |

Depending on numbers, this course may be combined with HE1301

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 Growing Leaders 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
21414	Plan and lead a recreation activity	2	4
6402	Provide resuscitation Level 2	1	1
6401	Provide First Aid	2	1

COURSE COST: \$60

SPORTS MANAGEMENT & COACHING YEAR 13**SM1301****ENTRY REQUIREMENTS**

This is a restricted course – all applicants will be considered. Students 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 Growing Leaders
- 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)

		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
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

COURSE COST: \$150