

## ***COURSE INDICATORS 2011***

Students and parents/caregivers are asked to carefully consider the group of subjects they wish to take in 2011.

You will be asked to fill in an Option Choice Form for 2011.

This will allow the school to:

- Confirm a timetable structure,
- Attempt to ensure that appropriate staff is available.

Early next year some students will be asked to confirm their choices for 2011. In some cases, if insufficient numbers of students choose a subject then those subjects may not be offered.

Careful consideration of subjects to be taken can be aided by consultation with subject teachers, Tutor teachers, Deans, and Careers Advisors.

## ***INTERVIEWS AND CONSULTATION***

Students, parents and caregivers will be able to discuss option choices for next year at a Consultation Evening run in conjunction with the Report Evening to be held on

**Thursday 16 September between 4.00 pm and 6.30 pm.**

Deans, Teachers, and Careers Advisors will all be available to help you to consider your choices.

## SUBJECT INDEX

The following is an index of all subjects offered at senior school level.

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## ***CHOOSING A COURSE OF STUDY***

In choosing a course of study you must consider the following:

- All students in Years 11, 12 and 13 must choose 6 subjects with the exception of Year 13 students studying at least three subjects at level 3 who are aiming to gain University Entrance. These students may choose 5 subjects and will have one study line.
- Think about your future needs. Check out the subjects that are recommended or useful for any course or job area in which you have an interest. Careers and guidance staff can help you here.
- Educational balance - all subjects offer different skills. It is important to keep a balance in the subjects you choose so that you have a broad range of skills. Avoid excessive specialisation.
- It is possible to study subjects at different levels provided you have met the entry requirements.
- At Year 12 and 13 some subjects are offered for a semester (two terms). If you choose one of these subjects, you will be able to choose another subject for the other semester.
- Many courses have course costs associated with them. Students and parents/caregivers need to be aware of the costs associated with the courses chosen. The costs for each subject are given on Page 8 of this booklet.
- **When choosing subjects at Year 11 and 12 level, look ahead at Year 13 subject entry requirements as most Level 3 subjects require study in that subject at a lower level.**

## WHERE TO NOW - YEAR 11

Six subjects are required. All subjects offer at least some credits which count towards NCEA.

You must study **English, Mathematics and Science**. Your current teacher will tell you which is the most appropriate class for you for each of these subjects.

You must choose **three** subjects from this list:

Accounting	ESOL	Music
Agriculture/Horticulture	Furniture for Flatters	Music Technology
Art	Graphics	Outdoor Education
Auto Engineering	Life Sciences	Physical Education
Business Studies	Life Skills	Sew and Wear
Creative Catering	Information Technology	Spanish
Drama	Japanese	Sport Science
Engineering	Maori	Studies of Society

You need to think carefully about what subjects you may want to study in Years 12 and 13 so that you can be sure that you meet any entry requirements.

**To gain NCEA Level 1 you must gain at least 80 credits at Level 1 or higher. Of these, at least 10 must be in Literacy and at least 10 must be in Numeracy. All the English and Mathematics courses offered meet the NCEA Literacy and Numeracy requirements, and some other subjects also offer credits in Literacy and Numeracy.**

**IT IS IMPORTANT TO DISCUSS YOUR CHOICES WITH YOUR SUBJECT TEACHERS, TUTOR TEACHER, DEAN AND/OR CAREERS ADVISORS.**

## WHERE TO NOW - YEAR 12

- Six subjects are required. All subjects offer at least some credits which count towards NCEA Level 1 or Level 2.
- You must study a course in **English**.
- If you have difficulty choosing six subjects, choose the five you particularly want to do, and the Dean will meet with you at the start of next year to help you choose a sixth subject.
- Some subjects are offered for a semester (two terms). If you choose one of these subjects, you will be able to choose another subject for the other semester. Semester courses are marked \*.
- You may choose Level 1 subjects (see page 4) if you wish and gain credits towards NCEA Level 1.
- You should also consider what subjects you may want to study in Year 13 so that you can be sure that you meet any entry requirements. This is particularly important if you intend studying at university, in which case you should plan to take five subjects from the approved subject list in Year 13. (See page 6)

Accounting	Design	Information Technology	Photography
Agriculture/Horticulture	Drama	Japanese	Physical Education
Art*	Engineering*	Life Skills	Physics
Auto Engineering*	ESOL	Maths Applied	Science*
Biology	Gateway	Mathematics	Sew and Wear*
Carpentry*	Geography	Music	Social Studies*
Chemistry	Graphics	Music Technology	Sport Science
Creative Catering*	History*	Outdoor Education	Tourism

**To gain NCEA Level 2 you must gain 80 credits with 60 of these at Level 2 or higher. The other 20 credits may be credits you used to achieve NCEA Level 1.**

You need to ensure you achieve the Level 2 Literacy credits that you need later for University Entrance or for your chosen career path.

**IT IS IMPORTANT TO DISCUSS YOUR CHOICES WITH YOUR SUBJECT TEACHERS, TUTOR TEACHER, DEAN AND/OR CAREERS ADVISORS.**

## WHERE TO NOW - YEAR 13

- Six subjects are required. If you are studying at least three subjects at level 3 and are aiming at gaining University Entrance you may choose only five subjects. In this case you will have one study line.
- There are no compulsory subjects. However, be sure that your choices meet your qualification needs. In particular, if you need literacy credits, make sure your course allows you to gain them.
- Some subjects are offered for a semester (two terms). If you choose one of these subjects, you will be able to choose another subject for the other semester. Semester courses are marked \*.
- You may choose to study subjects at Level 1 or Level 2 (pages 4 & 5) in which case you will gain credits towards NCEA at these levels.

**To gain NCEA Level 3 you must gain 80 credits with 60 of these credits at Level 3 or higher.**

**To gain University Entrance you must gain:**

- a minimum of 42 credits at Level 3 or higher including 14 in each of two subjects from the approved subject list and a further 14 credits from no more than two additional level 3 domains.
- 14 credits in Mathematics at Level 1 or higher
- 4 credits at Level 2 or higher in Reading and 4 credits at Level 2 or higher in Writing.

**Several universities now have “Guaranteed” or “Preferential” entry to limit the numbers attending university. You may find that UE is not sufficient to gain entry to the university or course of your choice. Entry is calculated on a points system based on your best five approved subjects. If you are serious about attending university, you should choose all five of your subjects from the approved list. The approved subjects for University Entrance are marked #.**

Art #	Design #	History* #	Physical Education #
Accounting #	Drama #	Information Technology #	Physics #
Biology #	Engineering*	Japanese #	Printmaking #
Business Studies	English #	Maori #	Sew and Wear*
Carpentry*	English Studies #	Maths with Calculus #	Social Studies* #
Chemistry #	ESOL	Music #	Spanish #
Computer Systems & Maintenance	Gateway	Music Technology	Sport Science
Creative Catering*	Geography #	Outdoor Education	Statistics and Modelling* #
	Graphics #	Photography #	Tourism

**IT IS IMPORTANT THAT YOU DISCUSS YOUR CHOICES WITH YOUR SUBJECT TEACHERS, TUTOR TEACHER, DEAN AND/OR CAREERS ADVISORS.**

## CURRICULUM OVERVIEW

Year 10	Year 11	Year 12	Year 13
English  Māori Japanese Spanish ESOL	English*  Māori* Japanese* Spanish* ESOL	English**  Māori** Japanese** Spanish** ESOL	English*** English Studies***  Māori*** Japanese*** Spanish*** ESOL
	Accounting*	Accounting**	Accounting***
Mathematics	Mathematics*  Maths Numeracy*	Mathematics A** Mathematics B** Maths Applied II/**	Maths with Calculus*** Statistics & Modelling***
Science	Science* Science (Unit Standards)* Agriculture/Horticulture**  Life Sciences*	Science** Agriculture/Horticulture**  Biology** Chemistry** Physics**	Biology*** Chemistry*** Physics***
Social Studies	Studies of Society*	Social Studies** Geography** History** Tourism**	Social Studies*** Geography*** History*** Tourism***
Art	Art*	Art** Design** Photography**	Art*** Design*** Photography***
Drama Music	Drama* Music* Music Technology*	Drama** Music** Music Technology**	Drama/Media Studies*** Music*** Music Technology***
Graphics and Design	Graphics*	Graphics**	Graphics***
Food Technology Fabric Technology	Creative Catering* Sew & Wear*	Creative Catering** Sew & Wear**	Creative Catering**/** Sew and Wear***
Materials Technology	Furniture for Flatters* Engineering* Automotive Engineering*	Carpentry** Engineering** Automotive Engineering**	Carpentry***
Information Technology	Information Technology*/**	Information Technology**/**	Information Technology*** Computer Systems & Maintenance*** Business Studies***
Consumer Studies	Business Studies*		
Physical Education	Physical Education* Sport Science* Outdoor Education*/**	Physical Education** Sport Science*/** Outdoor Education**/**	Physical Education*** Sport Science *** Outdoor Education***
	Life Skills*	Life Skills** Gateway**	Gateway***

\*NCEA Level 1

\*\*NCEA Level 2

\*\*\*NCEA Level 3

## COURSE COSTS

Many courses have course costs which cover materials used, out of class activities, special books required, special equipment, etc. When you choose a particular course you need to be aware of the cost involved. The following is a list of the costs associated with each subject offered in the senior school. You may wish to highlight the subjects you intend studying and calculate the total course cost at the foot of this page.

Accounting		No charge	Maths Applied	Year 12	\$12 Homework book
Agriculture/Horticulture		No charge	Maths with Calculus		\$20 workbook
Art		\$60 plus Art Kit (\$100)	Music	Level 1	\$28 - \$57 for theory books
Automotive Engineering		\$90 for materials & books		Levels 2 & 3	\$31.50 - \$60 for theory books
Biography	Level 2	\$32 for course manual, Transport for field work	Music Technology		\$20 for disks & CDs
	Level 3	\$55 for course manual & notes	Music Instrumental lessons		\$20 - \$70
Business Studies		No charge	Outdoor Education	Year 11	\$220 ) for hire of gear, transport,
Carpentry		\$80 for materials		Year 12	\$250 ) outside instruction,
Chemistry	Level 2	\$22 for manual		Year 13	\$300 ) etc
	Level 3	\$24 for manual	Photography		\$80 plus own camera
Computer Systems & Maintenance	Level 3	\$25	Physical Education	Level 1	\$35 )
Creative Catering	Level 1	\$130 for workbooks & resources		Level 2	\$30 )
	Levels 2 & 3	\$80 per semester for workbooks & resources	Physics	Level 3	\$20 ) for community facilities
		\$80 plus Art Kit	Science		\$28 for manual
Design		\$80 plus Art Kit		Year 11	\$20 for workbook
Drama		Costs for live performances & costume hire		Year 12	Transport cost for field trips
English		No charge	Sew & Wear		\$30 plus own materials
Engineering		\$80 for materials	Social Studies		No charge
ESOL		No charge	Spanish		\$17 for booklets
Furniture for Flatters		\$80 for materials	Sport Science	Year 11	\$35 ) for community facilities
Gateway		No charge		Years 12 & 13	\$25 )
Geography	Level 2	\$150 ) for	Statistics & Modelling		\$25 workbook
	Level 3	\$50 ) fieldwork	Studies of Society		No charge
Graphics		Graphics kit + \$10 for printing	Tourism	Levels 2 & 3	\$120 for manuals
History		No charge			
Information Technology		\$25	Total Course Costs for the subjects I have chosen .....		
Japanese		\$37			
Life Sciences		Up to \$24 for workbooks			
Life Skills		\$60 for resource booklets			
Māori		Costs for field trips & marae visits			
Mathematics	Levels 1 & 2	\$12 homework book plus \$25 optional merit/excellence book			
Maths Numeracy	Year 11	\$12 Homework book			

# ARTS

## ART LEVEL 1

### COURSE CONTENT:

This is a practical-based subject. It is expected that students will have taken Year 9 and 10 Art previously. The European tradition and contemporary New Zealand artists are studied within the context of the Achievement Standards Visual Arts Level 1.

### HOW IS IT ASSESSED?

The full course comprises 4 Achievement Standards totalling 24 credits, 3 internally assessed standards and an externally assessed standard which is worth 12 credits. This is a two panel folio.

### WHERE DOES IT LEAD?

Art can be taken through to Level 2 as Art, Printmaking, Photography and/or Design.

### COSTS:

Because of the high expectation of regular homework, each student is expected to own their own range of art materials including paints, brushes, A3 paper, charcoals, pencils etc. An Art fee of \$60.00 per year is charged; some equipment and materials are supplied. An art kit must be purchased at the beginning of Term 1. The kit is available from the office and costs approximately \$100.00.

## ART LEVEL 2

### ENTRY REQUIREMENTS:

15 credits in NCEA Level 1 is a minimum requirement.

### COURSE CONTENT:

Students do a full year course painting/printmaking course and a mural worth 28 credits. Practical and theory components are included in the course.

### HOW IS IT ASSESSED?

The full course comprises 4 Achievement Standards totalling 24 credits, and a Unit Standard which is a mural for the school worth 4 credits so a total of 28 credits are available. The mural is kept by the college for display round the school.

### WHERE DOES IT LEAD?

Art can be taken through to Level 3 where it separates into Painting, Design, Photography and Printmaking.

### COSTS:

Art fee is \$60.00 per year plus the student must own their own Art equipment. An art kit is available from the office at a cost of \$100. This is compulsory. Artist grade paints are also needed at senior level.

## ART LEVEL 3

### ENTRY REQUIREMENTS:

15 credits in NCEA Level 2. There is an academic component to Level 3 Art and students must be competent in Level 2 Literacy.

### COURSE CONTENT:

This is a full year course. It is a practical based subject with artist model research included. Students may choose to study Painting or Printmaking.

### HOW IS IT ASSESSED?

Students specialise in 3 Achievement Standards totalling 24 credits.

### WHERE DOES IT LEAD?

To various polytechnic and university courses, Wellington Arts & Design, Massey or Wanganui Art School. Careers in design, art, textiles, are highly sought after.

### COSTS:

Student's own art equipment is expected. Students can expect to pay approximately \$100.00 for an art kit. There is also a fee of \$60.00. Artist grade paints costing \$100.00 are also required.

## DESIGN LEVEL 2

### ENTRY REQUIREMENTS:

15 credits in Visual Arts NCEA Level 1. There is an academic component to Level 2 Design and students must be competent in Level 1 Literacy.

### COURSE CONTENT:

This is a full year course. Students use all types of media including drawing, painting, printmaking, photography and computer generated graphics to visually communicate an idea or concept.

#### HOW IS IT ASSESSED?

A total of 24 credits are offered as part of this course, 12 internal and 12 external.

#### WHERE DOES IT LEAD?

This subject leads on to Year 13 Design NCEA Level3.

#### COSTS:

Students should have their own USB memory stick, quality black ink graphics pen, and digital camera. The fee for this course is \$80.00 to cover general art room supplies. The cost of printing is extra.

### DESIGN LEVEL 3

#### ENTRY REQUIREMENTS:

12 credits from NCEA Level 2. There is an academic component to Level 3 Design and students must be competent in Level 2 Literacy.

#### COURSE CONTENT:

This is a full year course and follows on from Year 12.

#### HOW IS IT ASSESSED?

A total of 24 credits are offered as part of this course, 10 internal and 14 external.

#### WHERE DOES IT LEAD?

To various tertiary institutions offering design courses and career design options.

#### COSTS:

Students should have their own USB memory stick, and digital camera. Also a \$80.00 fee is charged for materials. The cost of printing is extra.

### PHOTOGRAPHY LEVEL 2

#### ENTRY REQUIREMENTS:

15 credits in Visual Arts NCEA Level 1. There is an academic component to Level 2 Photography and students must be competent in Level 1 Literacy.

#### COURSE CONTENT,

This is a full year course. Students will learn how to use their camera, take, edit digitally, and print their own photographs. Photography can be a lot of fun and is a mainly practical subject. However there is a strong element of writing in the early internally assessed units.

#### HOW IS IT ASSESSED?

A total of 24 Level 2 credits are offered as part of this course

#### WHERE DOES IT LEAD?

This course leads to Level 3 Photography.

#### COSTS:

A fee of \$80.00 is charged. Printing costs are extra. Students must also have their own digital camera. Please consult with the teacher before you purchase a camera as they can help you to buy wisely. A camera must be purchased as soon as possible. It is not possible to do the course without a camera.

### PHOTOGRAPHY LEVEL 3

#### ENTRY REQUIREMENTS:

Students at this level must have an Art background, must have a digital camera suitable for this level of work. Level 2 Photography is recommended. There is an academic component to Level 3 Photography and students must be competent in Level 2 Literacy.

#### COURSE CONTENT:

This is a full year course. At Level 3 Photography requires more conceptual thinking and offers students the opportunity to explore colour and digital photography. The work becomes more about artistic expression and visual communication.

#### HOW IS IT ASSESSED?

A total of 24 Level 3 credits are offered as part of this course.

#### WHERE DOES IT LEAD?

Students may choose to be professional photographers and go on to relevant training at tertiary institutes. This course can also lead into design degrees.

#### COSTS:

A fee of \$80.00 is charged. Printing costs are extra. Students must also have their own digital camera. Please consult with the teacher before you purchase a camera as they can help you to buy wisely.

### DRAMA LEVEL 1

#### ENTRY REQUIREMENTS:

Achievement in Year 10 Drama.

#### COURSE CONTENT:

Acting (Voice, movement, use of space), technical (lighting, make-up, set, costume), theatre conventions, creating original drama, appreciating live performances. . There is an expectation that students will be available for out of class rehearsals and productions.

#### HOW IS IT ASSESSED?

20 credits all internally assessed will be offered with 4 externally assessed credits as an optional extra.

#### WHERE DOES IT LEAD?

Level 2 and 3 Drama.

#### COSTS:

There will be a cost involved for students to attend professional theatre performances.

### DRAMA LEVEL 2

#### ENTRY REQUIREMENTS:

Level 1 Drama is highly recommended. Otherwise entry is at the discretion of the Head of Drama.

#### COURSE CONTENT:

Improvisation, acting performance, theatre study, technical production, appreciating live performances. There is an expectation that students will be available for out of class rehearsals and productions.

#### HOW IS IT ASSESSED?

20 credits all internally assessed with the opportunity to sit an optional external assessment.

#### WHERE DOES IT LEAD?

Level 3 Drama and tertiary study in Drama.

#### COSTS:

There will be a cost involved when students go to see live performances.

### DRAMA LEVEL 3

#### ENTRY REQUIREMENTS:

Level 2 Drama is required.

#### COURSE CONTENT:

Acting performance, technical production, appreciating live performance, play analysis, scriptwriting, improvisation. There is an expectation that students will be available for out of class rehearsals and productions.

#### HOW IS IT ASSESSED?

16 credits in Drama plus the opportunity to complete 4 credits in an optional external assessment.

#### WHERE DOES IT LEAD?

Various performing arts, media and arts related tertiary courses at university. A wide range of professional careers in leadership roles.

#### COSTS:

There will be a cost involved when students go to see live performances.

### MUSIC LEVEL 1

#### ENTRY REQUIREMENTS:

Students should have been learning their instrument or voice for two years prior to Year 11. It is strongly recommended that students have taken Year 10 Music. Students must be familiar with both treble and bass clef and preferably know key signatures up to two sharps and flats.

#### COURSE CONTENT:

Solo Performance: Students must be learning an instrument or voice, either through the school or privately. Music lessons available at school include guitar, bass guitar, drums, piano, keyboard, voice, music theory.

Group Performance: Students should join one of the school musical groups, eg Choir, or a Chamber or Rock Group, or be involved in a production.

Composition: Music for own instrument and song writing.

Aural Skills: Intervals, dictation, instrument identification, general perception.

Musical Knowledge: Research, set works, score reading, and theory.

#### HOW IS IT ASSESSED?

24 credits are available with a mix of internal and external assessment covering solo performance, group performance, aural, musical knowledge and theory.

#### WHERE DOES IT LEAD?

Music can be taken further to Levels 2 and 3. It can be studied at tertiary level for degrees and diplomas. There are many varied careers involving music, eg music education, performer, composer, conductor, computer music, music publishing, music administrator or manager, music retail, recording industry, instrument maker, repairer or tuner, and so on.

#### COSTS:

The course fee is \$28.10 which covers new theory books. You should progress through several theory books in a year.

Instrumental lessons cost between \$20 and \$70 per year (very cheap compared to private lessons). The Music Department is very active with many musical events and trips available.

## MUSIC LEVEL 2

### ENTRY REQUIREMENTS:

A student must have gained 18 or more credits at Level 1 to enter the course and have also been learning their instrument for 3 years or more.

### COURSE CONTENT:

A total of 24 credits made up of solo and group performance, instrumentation, composition, musical knowledge and aural and score reading Achievement Standards.

### HOW IS IT ASSESSED?

A portion of the course will be internally assessed. Some standards will be assessed by an external examination in Term 4.

### WHERE DOES IT LEAD?

Music can be taken to Level 3 at school. It can be studied at tertiary level for degrees and diplomas. Many careers in music involve skills learned at this level.

### COSTS:

This course is run jointly with Level 1 and 3 Music, with the Level 2 course tailored to suit each student.

Instrumental lessons cost between \$20 and \$70 per year. Many instruments may be hired by arrangement with the school. The course fee is \$31.50 which includes the theory books and CDs for recording.

The Music Department is very active with many musical events and trips available.

## MUSIC LEVEL 3

### ENTRY REQUIREMENTS:

Students must have gained at least 18 credits at Level 2 and have been learning their instrument for at least 3 years.

### COURSE CONTENT:

A total of 18 credits made up of solo and group performance, second instrument, and composition Achievement Standards.

### HOW IS IT ASSESSED?

A portion of the course will be internally assessed. Some standards may be assessed by an external examination in Term 4.

### WHERE DOES IT LEAD?

Music can be studied to degree or diploma level at universities or polytechnics. Many careers in music involve skills learned at this level.

### COSTS:

This course is run jointly with Level 1 and 2 Music.

Instrumental lessons cost between \$20 and \$70 per year. The course fee is \$31.50 which includes theory books and CDs for recording.

The Music Department is very active with many musical events and trips available.

## MUSIC TECHNOLOGY

### ENTRY REQUIREMENTS:

Students should have learnt a musical instrument for at least 2 years, and have an interest or some practical knowledge of performing arts technology such as PA and recording systems.

### COURSE CONTENT:

Recording systems: the upkeep, maintenance and use of computer based recording systems in a performing arts setting.

PA systems: the upkeep, maintenance and use of a PA system in a performing arts setting.

Musicianship: the performance of a musical instrument as a member of a group or as a soloist.

Working and performing as a member of a band is a key component of this course.

Basic composition: composing for your ensemble.

### HOW IS IT ASSESSED?

A total of 20 credits are available as follows: Level 1, 12 credits, Level 2, 2 credits, Level 3, 6 credits.

### WHERE DOES IT LEAD?

This course gives valuable credits and experience in musical recording and production, composition and basic musicianship and can lead to a career in the global music recording market. It is also a first step into performing arts and production sound tertiary courses.

### COSTS:

The course fee is \$20.00 which is to cover the cost of equipment maintenance during the course. Instrumental lessons are also available and cost between \$20 and \$70 per year. The Music Department is very active with many musical trips and events during the year.

# LANGUAGES

All year 11 courses in English will contain either Achievement Standards or Unit Standards sufficient to fulfill NCEA literacy requirements.

All the Level 2 courses offer sufficient credits to meet the University Entrance literacy requirements.

## ENGLISH LEVEL 1

### COURSE CONTENT:

The course contains a minimum of 14 credits and covers writing, close reading, study of texts, production and research.

### HOW IS IT ASSESSED?

Internally and externally assessed Achievement Standards (half internal and half external). Some Unit Standards may be added.

### WHERE DOES IT LEAD?

English Achievement Standards Level 2 English and English Studies 2.

## ENGLISH LITERACY LEVELS 1/2

### COURSE CONTENT:

This course contains a minimum of 14 credits, is a Unit Standards based approach to Level 1 and 2 English and covers writing, close reading, study of texts, listening, production and research.

### HOW IS IT ASSESSED?

Internally assessed Unit Standards.

### WHERE DOES IT LEAD?

This course is designed for students who want more than one year to gain their literacy at Level 1. This course is designed for those Year 12 students who have yet to gain literacy at Level 1 the previous year.

## ENGLISH LEVEL 2

### ENTRY REQUIREMENTS:

16 credits from Level 1 and at the discretion of the HOF. At least 4 credits should have come from the external exams.

### COURSE CONTENT:

The course contains a minimum of 14 credits and covers extended development in writing, analysis of texts, language, close reading and production.

### HOW IS IT ASSESSED?

Internally and externally assessed Achievement Standards (half internal and half external).

### WHERE DOES IT LEAD?

English 3 or English Studies 3.

## ENGLISH LEVEL 3

### ENTRY REQUIREMENTS:

16 credits from Level 2 and at the discretion of the HOF. At least 6 credits should have come from the external exams at Level 2.

### COURSE CONTENT:

The course contains 21 credits and covers extended development in writing, analysis of texts, language, close reading and production.

### HOW IS IT ASSESSED?

Internally and externally assessed Achievement Standards (half internal and half external).

## ENGLISH STUDIES LEVEL 3

### ENTRY REQUIREMENTS:

12 credits from Level 2 which must be literacy credits. At least 6 credits should have come from the external exams at Level 2.

### COURSE CONTENT:

The course contains a minimum of 14 credits of Level 3 English and covers extended development in writing, analysis of texts, language, close reading and production. The course also offers sufficient credits to meet the University Entrance literacy requirements.

#### HOW IS IT ASSESSED?

Internally assessed Achievement and Unit Standards. An external Achievement Standard can also be entered for.

### ESOL: ENGLISH FOR SPEAKERS OF OTHER LANGUAGES

#### COURSE CONTENT:

The purpose of these classes is to help a student from another country to read, write and speak the English language better. Support is also given to help students cope better in other areas of the curriculum. Senior students may also be able to receive support to prepare for IELTS testing.

#### HOW IS IT ASSESSED?

Students are assessed on general English language proficiency. It is possible to obtain NZQA units in ESOL and work towards NCEA and meeting University Entrance literacy requirements.

### TE REO MĀORI LEVEL 1

#### ENTRY REQUIREMENTS:

Success in Year 10 is necessary unless students already speak Te Reo at a level which would make this course possible. (Kua haere koe pea ki tētahi kura kaupapa.)

#### COURSE CONTENT:

This course is based on building up knowledge of Te Reo Māori using Levels One, Two and Three of the Māori Language Curriculum document (Te Marautanga o Te Reo Māori).

In Te Reo Māori students study the language and practise it so that they can begin to communicate in Te Reo Māori. This means that they are learning about who they are and what being Māori means. This also means reading about 100 words a week, writing so that they can express themselves on a range of topics, and speaking in Māori about themselves and other matters.

#### HOW IS IT ASSESSED?

Students will be assessed in a mix of internally and externally assessed achievement standards.

#### WHERE DOES IT LEAD?

Level 1 is a qualification in itself. This course opens the door for study at Levels 2 and 3. It is hoped that students will join kapahaka as this is a huge help in learning Te Reo.

#### COSTS:

There may be costs such as for field trips or marae visits, but it will be a small amount. Students can expect to hear Māori being spoken at least sixty percent of the time in this course.

### TE REO MĀORI LEVEL 2

#### ENTRY REQUIREMENTS:

A year at Level 1 Te Reo.

#### COURSE CONTENT:

Topics are taken from the Māori world, such as The Old Days, Waiata and Haka, Māori Health, current issues, so that you become more aware of what it is to be Māori and what the realities are today. The language is used to help students to communicate on all these sorts of matters.

#### HOW IS IT ASSESSED?

Internally and externally assessed achievement standards.

#### WHERE DOES IT LEAD?

The course leads to Level 3 or Scholarship Te Reo Māori. It is hoped that students will join kapahaka as this is a huge help in learning Te Reo. Students may also achieve a National Certificate in Māori (Level 2).

#### COSTS:

There will be small costs, such as for trips and marae visits. Students can expect to hear Te Reo Māori being spoken at least sixty percent of the time in this course.

### TE REO MĀORI LEVEL 3

#### ENTRY REQUIREMENTS:

Level 2.

#### COURSE CONTENT:

Students will take an in-depth look at events and issues in the Māori world from today and the past. They will use Te Reo extensively so that their ability to communicate in Māori makes rapid progress.

#### HOW IS IT ASSESSED?

There are written and oral exams both internally and externally assessed. There will be regular tests during the year.

#### WHERE DOES IT LEAD?

Many people will look favourably on those who have taken Te Reo for 5 years at College. It opens the door for further study at Wananga, university or polytechnic. It is an advantage in applying for scholarships and grants.

It is hoped that students will join kapahaka as this is a huge help in learning Te Reo.

#### COSTS:

There will be a small cost for marae visits and trips.  
You can expect to use Te Reo Māori all the time in this course.

### JAPANESE LEVEL 1

#### ENTRY REQUIREMENTS:

Previous study in Year 10 is necessary or with the approval of the teacher in charge.

#### COURSE CONTENT:

The course is based on Levels Four, Five and Six of the Japanese curriculum. 24 credits towards NCEA are available. You must be able to read and write hiragana, katakana and some kanji. The main challenge is being able to express yourself, in both written and oral forms, in a wider range of familiar situations eg. describing school life, shopping and giving directions.

#### HOW IS IT ASSESSED?

Three possible internal and two external Achievement Standards making up 24 credits are used to assess student progress in reading, writing, listening and speaking at this level.

#### WHERE DOES IT LEAD?

You can study Japanese at Levels 2 and 3. Opportunities to participate in intensive language weekends, Japanese speech contests and student exchange begin in Year 11.

#### COSTS:

Approximately \$17 for NCEA booklets for vocabulary and sentence structures and \$20 for vocabulary practice software.

### JAPANESE LEVEL 2

#### ENTRY REQUIREMENTS:

Previous study at Level 1 with a minimum of 11 Level 1 Japanese credits is necessary or with the approval of the teacher in charge.

#### COURSE CONTENT:

This course follows on from the Level 1 course studied and is the prerequisite course for study at Level 3. It is based on Levels Six and Seven of the Japanese curriculum. During this course many more kanji and useful sentence structures will be learned. The course will be divided into four main topics of family life, eating and drinking, leisure activities and schooling.

#### HOW IS IT ASSESSED?

Three internal and three external Achievement Standards making up 24 credits are used to assess student progress in reading, writing, listening and speaking at this level.

#### WHERE DOES IT LEAD?

Students who achieve the required number of credits at this level may work towards Level 3 Japanese.

#### COSTS:

Approximately \$17 for NCEA booklets for vocabulary and sentence structures and \$20 for vocabulary practice software.

### JAPANESE LEVEL 3

#### ENTRY REQUIREMENTS:

Previous study at Level 2 with a minimum of 9 Level 2 Japanese credits (or equivalent) or with the approval of the teacher in charge.

#### COURSE CONTENT:

This course is a continuation of the Level 2 course. The topics of land and people, travel and tourism, work, communications and the media utilise a wide range of vocabulary which enables the students to be able to converse naturally in a number of social settings.

#### HOW IS IT ASSESSED?

Three internal and three external Achievement Standards making up 24 credits are used to assess student progress in reading, writing, listening and speaking at this level.

#### WHERE DOES IT LEAD?

Students with five years Japanese study at secondary school are well prepared for further study at the tertiary level, where a course in advanced Japanese will enable them to seek a career using their Japanese in either New Zealand or Japan. Secondary school graduates may also choose to do a working holiday or student exchange in Japan.

**COSTS:**

Approximately \$17 for NCEA booklets for vocabulary and sentence structures and \$20 for vocabulary practice software.

At both Level 2 and 3 there are several opportunities for students to travel to Japan on short or long term scholarships or exchanges.

## **SPANISH LEVEL 1**

**ENTRY REQUIREMENTS:**

Previous study in Year 10 is necessary or with the approval of the HOF.

**COURSE CONTENT:**

The course content is based on Levels 4, 5 and 6 of the Spanish curriculum and a minimum of 24 credits are offered. Opportunity is given to learn a varied and useful vocabulary. The main challenge is being able to express yourself in both written and oral forms in a wide range of familiar situations found both locally and in the wider Spanish speaking countries.

**HOW IS IT ASSESSED?**

Three internal and two external Achievement Standards are used to assess student progress in reading, writing, listening and speaking at this level. This could be supported with Unit Standards.

**WHERE DOES IT LEAD?**

Level 2 and then Level 3. Opportunities to participate in a variety of Spanish language activities are offered.

**COSTS:** \$17 for NCEA booklets.

## **SPANISH LEVEL 2**

**ENTRY REQUIREMENTS:**

Previous study in Year 11 is necessary with a minimum of 12 credits gained at Level 1 Spanish, or with the approval of the HOF.

**COURSE CONTENT:**

The course content is based on Level 7 of the Spanish curriculum and up to 29 credits are offered. Opportunity is given to learn a varied and useful vocabulary. The main challenge is to gain personal independence, being able to use basic language patterns spontaneously in both written and oral forms in a wide range of situations found both locally and in the wider Spanish speaking countries.

**HOW IS IT ASSESSED?**

Three internal and three external Achievement Standards are used to assess student progress in reading, writing, listening and speaking at this level. This could be supported with Unit Standards.

**WHERE DOES IT LEAD?**

Level 3 or university study. Opportunities to participate in a variety of Spanish language activities are offered.

**COSTS:** \$17 for NCEA booklets.

## **SPANISH LEVEL 3**

**ENTRY REQUIREMENTS:**

Previous study in Year 12 is necessary with a minimum of 15 credits gained at Level 2 Spanish, or with the approval of the HOF.

**COURSE CONTENT:**

The course content is based on Level 8 of the Spanish curriculum and up to 29 credits are offered. Opportunity is given to learn a varied and useful vocabulary. The main challenge is to interact comfortably with native speakers, being able to express yourself in both written and oral forms in a wide range of situations found both locally and in the wider Spanish speaking countries.

**HOW IS IT ASSESSED?**

Three internal and three external Achievement Standards are used to assess student progress in reading, writing, listening and speaking at this level. This could be supported with Unit Standards.

**WHERE DOES IT LEAD?**

University study. Opportunities to participate in a variety of Spanish language activities are offered.

**COSTS:** \$17 for NCEA booklets.

# MATHEMATICS

## ACCOUNTING LEVEL 1

### COURSE CONTENT:

The course is divided into a number of areas:-

- Financial accounting and reporting, eg preparation of final accounts for a sole proprietor and the analysis and interpretation of them.
- The accounting process eg documents - journals - ledgers - trial balance.
- Accounting for non profit organisations eg clubs
- Personal accounting, ie what a household needs, eg budgeting, bank reconciliations, tax, documents etc

### HOW IS IT ASSESSED?

There will be a minimum of 23 Level 1 credits offered – 12 are externally assessed, the others are assessed internally.

### WHERE DOES IT LEAD?

Accounting is offered at Level 2 and Level 3. It is a core study in all university and polytechnic Business Studies courses. Very good grades at Level 1 does enable a student to go directly into Level 3 Accounting if they wish to try other subjects at Level 2.

## ACCOUNTING LEVEL 2

### ENTRY REQUIREMENTS:

Students must have achieved at least 14 credits in Level 1 Accounting.

### COURSE CONTENT:

The course is divided into a number of areas:

- Describing the conceptual basis of accounting for a sole proprietor
- Preparing financial statements and processing related accounting entries for sole proprietors
- Analysing and interpreting accounting information & making recommendations based on the analysis
- Demonstrating an understanding of accounting processes for accounting subsystems

- Using computer software to process financial transactions for a sole proprietor – the software package is MYOB.

### HOW IS IT ASSESSED?

There will be a minimum of 20 Level 2 credits offered – 17 are externally assessed and 3 are internally assessed.

### WHERE DOES IT LEAD?

Study at Level 3 if desired, and study at either a university or polytechnic.

## ACCOUNTING LEVEL 3

### ENTRY REQUIREMENTS:

Students must have achieved mainly with merit or excellence in Level 1 Accounting or achieved at least 12 credits in Level 2 Accounting.

### COURSE CONTENT:

As prescribed by NZQA, it expands the knowledge already gained and includes new topics such as company and partnership accounting, manufacturing accounts, job costing, and cash flow statements.

### HOW IS IT ASSESSED?

There will be a minimum of 24 Level 3 credits offered – 15 are externally assessed and 9 are internally assessed.

### WHERE DOES IT LEAD?

Further studies in the area of Business Studies and Accounting or as a supplementary area of study for people intending to go into Law, Banking, Farming, Horticulture, etc.

## MATHEMATICS LEVEL 1

### ENTRY REQUIREMENTS:

Most Year 11 students will do an Achievement Standards course. There will be two Achievement Standard courses available and entry to the appropriate course is through the recommendation of your Year 10 Mathematics teacher and the Head of Faculty.

### COURSE CONTENT:

The courses cover all three Mathematics strands. Each course will offer up to 24 credits. Students must gain 10 credits at least to meet the Numeracy requirement for Level 1 NCEA.

#### HOW IS IT ASSESSED?

The courses will offer a mix of externally and internally assessed achievement standards.

#### WHERE DOES IT LEAD?

Students will need to achieve at least 14 credits to be able to progress to Level 2 Mathematics. Mathematics carries on to Level 3 and later to polytechnic or university.

#### COSTS:

Students are required to buy a homework book. A workbook for merit/excellence is optional.

### MATHEMATICS NUMERACY– LEVEL 1

#### ENTRY REQUIREMENTS:

Entry to this course is through the recommendation of the student's Year 10 Mathematics teacher and the Head of Faculty.

#### COURSE CONTENT:

The course covers all three Mathematics strands. Students will complete a portfolio of work in preparation for gaining the 10 credits needed for Numeracy. Additional unit standards will be offered once students have completed the numeracy unit standards.

#### HOW IS IT ASSESSED?

Internally assessed Unit Standards. There is no external examination.

#### WHERE DOES IT LEAD?

Students will be able to move on to a Level 1 Achievement Standard course.

### MATHEMATICS APPLIED II – LEVELS 1 and 2

#### ENTRY REQUIREMENTS:

This course is for Year 12 students with at least 12 credits from Level 1. Students gaining less than 12 credits need to choose another Level 1 course.

#### COURSE CONTENT:

This course provides students with the opportunity to gain additional Level 1 credits. It includes practical applications of statistics, geometry, number and measurement, and algebra. The course offers a minimum of 16 credits. Some students may have the opportunity to gain a small number of Level 2 credits. This course does not lead directly onto a Level 3 Mathematics course.

#### HOW IS IT ASSESSED?

Internally assessed Unit Standards. If students accumulate a total of 40 credits with at least 30 of these in Mathematics, they may be eligible for a National Certificate in Mathematics.

### MATHEMATICS A LEVEL 2

#### ENTRY REQUIREMENTS:

Students must have shown competency in one or more of Algebra, Graphs or Trigonometry and be recommended for further study in Mathematics by their teacher. Any other entry is at the discretion of the Head of Faculty only. Students are expected to know the Level 1 work thoroughly.

#### COURSE CONTENT:

Students who plan to take Level 3 Mathematics with Calculus need to do this course. A minimum of 18 credits are available.

#### HOW IS IT ASSESSED?

Internal and external Achievement Standards.

#### COSTS:

Students are required to buy a \$12 homework book. A \$25 workbook for merit/excellence is optional. If your future involves tertiary study in science, technology, commerce or social sciences, you will find this Mathematics course necessary.

### MATHEMATICS B LEVEL 2

#### ENTRY REQUIREMENTS:

Entry to this course is at the discretion of the Head of Faculty but is more flexible than entry to the Maths A course. The course is designed for students who had some success in the Level 1 Achievement Standards course but who do not wish to do the "A" course.

#### COURSE CONTENT:

Students are encouraged to use their mathematical skills in realistic situations, e.g. trigonometry and statistics. Its aim is to encourage students to continue in Mathematics while lifting their basic skill level, confidence and enjoyment of Mathematics. Students who do well in this course may do the Statistics and Modelling course at Level 3.

#### HOW IS IT ASSESSED?

Internal assessment. The course offers a mix of level 1 and level 2 Unit Standards and internally assessed Achievement Standards at Level 2. Up to 16 credits are available, 14 of which are at Level 2.

### MATHEMATICS WITH CALCULUS LEVEL 3

#### ENTRY REQUIREMENTS:

Students must have shown competency in one or more of Algebra, Graphs, Co-ordinate Geometry, Calculus or Trigonometry and be recommended for further study in Mathematics by their teacher. Any other entry to the course is at the discretion of the Head of Faculty.

#### COURSE CONTENT:

This subject is about Calculus, Trigonometry, Coordinate Geometry and Algebra, and students need to have sound algebraic skills. It is strongly recommended for students planning tertiary study in engineering, technology, physical sciences, operations research, architecture, actuarial studies, and business studies. The course contains 24 credits.

#### HOW IS IT ASSESSED?

Internal and external assessments.

#### COSTS:

Students are required to buy a workbook costing about \$18.

### STATISTICS & MODELLING LEVEL 3

#### ENTRY REQUIREMENTS:

Entry to the course is on the recommendation of the student's Mathematics teacher and at the discretion of the Head of Faculty.

#### COURSE CONTENT:

There are 6 Level 3 Achievements Standards in this course of 24 credits. 3 are internally assessed (totalling 9 credits). It is recommended for students planning tertiary study in commerce, administration, social sciences and applied sciences as most of these courses have a compulsory statistics paper.

#### HOW IS IT ASSESSED?

Internal and external assessments.

#### COSTS:

Purchase of a workbook is required and students must have a Graphical Calculator. Students need to have enough money on their computer accounts to print out assignments and assessments, and to have access to the Internet.

### STATISTICS AND MODELLING LEVEL 3 (SEMESTER ONE COURSE)

This is a half year course allowing students to get 14 credits in one domain for University Entrance.

ENTRY REQUIREMENTS: Achieve in AS90289 (Year 12 Probability Achievement Standard)

COURSE CONTENT: 3 internally assessed Achievement Standards (9 credits) taught to Achieve level only and 3 Unit Standards (8 credits).

HOW IS IT ASSESSED? All assessment is internal.

COSTS: Purchase of a workbook is required and students must have a Graphical Calculator. Students need to have enough money on their computer accounts to print out assignments and assessments, and to have access to the Internet.

# PHYSICAL EDUCATION

## PHYSICAL EDUCATION LEVEL 1

**ENTRY REQUIREMENTS:** To gain entry into this course, students need to have shown a high level of effort and a great attitude in Year 10.

**COURSE CONTENT:**

This is a demanding course, both physically and academically. Students will analyse and evaluate movement in an activity, learn about anatomy and biomechanics, examine societal influences on physical activity, identify risks associated and participate in an outdoor activity. A high level of effort is required in all practical lessons.

**HOW IS IT ASSESSED?**

All internally assessed, using log books, written tests, posters and worksheets. 6 Achievement standards worth 21 credits. 8 credits will count towards Literacy.

**WHERE DOES IT LEAD?**

Level 2 and level 3 Physical Education. University and polytechnics and sports academy courses.

**COSTS:**

The cost of the course will be \$35 to be paid in Term One. This will cover the cost of using outside providers, squash courts, lawn bowls and hand books.

## PHYSICAL EDUCATION LEVEL 2

**ENTRY REQUIREMENTS:**

Students must have passed 14 credits in Level 1 PE or at the discretion of the HOF.

**COURSE CONTENT:**

Exercise Physiology; Principles of Training, Fitness studies; Biomechanics; Skill Acquisition; Anatomy.

**HOW IS IT ASSESSED?**

All internal assessment including unit tests, laboratory tasks, research assignment, practical assessments. There are 5 Achievement Standards worth 16 credits.

**WHERE DOES IT LEAD?**

Prerequisite for Level 3 PE and for some tertiary courses.

**COSTS:**

The cost is \$30.00 to cover community facilities.

## PHYSICAL EDUCATION LEVEL 3

**ENTRY REQUIREMENTS:**

To gain entry into this course students need to have gained at least 15 credits at level 2 PE.

**COURSE CONTENT:**

This is a demanding course both physically and academically. A high level of effort, self motivation and good time management skills will be required throughout the year. Students will be expected to learn how to appraise their performance, plan an improvement programme and evaluate how well they improved in a specific sport. And conduct a research study.

**HOW IS IT ASSESSED?**

Internally assessed course based around assignments. 18 credits are available.

**WHERE DOES IT LEAD?**

University, polytechnic courses in Physical Education, teaching, recreation sports science, physiotherapy, coaching.

**COSTS:**

The cost is \$20.00 to cover community facilities.

## SPORT SCIENCE YEAR 11

**ENTRY REQUIREMENTS:**

Students may take Sports Science if they are not doing Physical Education. You cannot do both. You must be physically active, of reasonable fitness and be interested in Physical Education.

**COURSE CONTENT:**

This is a practical based course; students will participate in a variety of sports activities and will have to write about how this influences their well being. They will develop social responsibility in sport, learn strategies to develop their interpersonal skills in a team environment and help assist others to participate in physical activity. There will be a written component.

**HOW IS IT ASSESSED?**

Participation, effort and a positive attitude. An Achievement Standard internally assessed course worth 17 credits. 7 credits count towards Literacy.

**WHERE DOES IT LEAD?**

Sport Science Year 12.

**COSTS:**

The cost is \$30 to be paid term one and covers the use of outside facilities, including the squash courts, lawn bowls.

## **SPORT SCIENCE LEVEL 2**

**ENTRY REQUIREMENTS:**

Students must have passed Level 1 Sport Science and cannot be taking Level 2 Physical Education.

**COURSE CONTENT:**

Three standards are offered which cover functional anatomy, improving skills in team games, improving skills in individual sports and learning how to communicate in a positive way. There is a written component to the course.

**HOW IS IT ASSESSED?**

Internally assessed course covering both Achievement and Unit Standard based papers. A positive attitude and full participation is expected. There is a written component to this course.

**WHERE DOES IT LEAD?**

Sport Science Year 13 and tertiary education and employment within the sports and recreation fields.

**COSTS:**

The \$25.00 course fee covers the Squash Club charges and is to be paid in Term 1.

## **SPORT SCIENCE LEVEL 3**

**ENTRY REQUIREMENTS:**

Students must have passed Level 2 Sport Science and cannot be taking Level 3 Physical Education.

**COURSE CONTENT:**

This course will cover improving skills in a team game, developing knowledge to improve and manage personal fitness. Develop coaches, referees and managers. A passion for sport is required.

**HOW IS IT ASSESSED?**

Two Unit Standards and one Achievement Standard at Level 3 form the basis of this course. A positive attitude and full participation are expected and form part of the assessment.

**WHERE DOES IT LEAD?**

Tertiary education and employment within the sports and recreation fields.

**COSTS:**

The \$25.00 course fee covers the Squash Club charges and is to be paid in Term 1.

## **OUTDOOR EDUCATION LEVELS 1 & 2 – YEAR 11**

**ENTRY REQUIREMENTS:**

This course is designed for Year 11 students. Students must have an interest in the outdoors. A reasonable level of fitness is required and students must be confident swimmers.

**COURSE CONTENT:**

The areas covered will be flat water kayaking skills, rolling a kayak, sea kayaking, tramping, road biking, adventure based learning (high and low ropes), camping and indoor rock climbing.

**HOW IS IT ASSESSED?**

Practical demonstrations, written work, poster, tests, worksheets and field trips. The course is predominantly Unit Standards with two Achievement Standards. Approximately 20 credits are available.

**WHERE DOES IT LEAD?**

Other Outdoor Education courses and possibly polytechnic courses.

**COSTS:**

The course fee is \$220 as a contribution towards hire of facilities, transport, outside instruction hire, gear maintenance, and hut fees.

## **OUTDOOR EDUCATION LEVEL 2 YEAR 12**

**ENTRY REQUIREMENTS:**

This course is open to Year 12 and 13 students who have an appreciation or interest in the outdoors, have a good level of fitness and are competent swimmers.

**COURSE CONTENT:**

A variety of modules will be covered: rock climbing, navigation, tramping, ABL, mountain biking, mountain bike maintenance and sea kayaking. The major unit of study will culminate in a trip to reinforce the content. Due to the practical nature of the course it is envisaged that trips will involve a combination of school and personal time. An optional mountain experience will be offered with an additional cost.

**HOW IS IT ASSESSED?**

Practical demonstrations, written work, poster, tests, worksheets and field trips. A minimum of 16 Unit Standards credits are offered.

**WHERE DOES IT LEAD?**

Tertiary education at a polytechnic, employment within recreation industry.

**COSTS:**

The cost is \$250 as a contribution towards hire of facilities and gear, transport, outside instructor hire, gear maintenance, and accommodation fees.

## **OUTDOOR EDUCATION LEVEL 3 YEAR 13**

**ENTRY REQUIREMENTS:**

This course is an extension of the Year 11 and 12 courses. Students wishing to do this course must have either successfully completed Year 11 or 12 Outdoor Education or have the approval of the Teacher in Charge of Outdoor Education as a component of the course is river kayaking. There may be a possibility for some students to do this course as an Achievement Standard course providing they have the appropriate level 2 units.

**COURSE CONTENT:**

A variety of modules will be covered: sea kayaking, crossing rivers, tramping, natural rock climbing, indoor rock climbing, lead climbing, navigation, and mountain biking. As with the Year 12 course most units of study will culminate in a trip. Due to the practical nature of the course it is envisaged that trips will involve a combination of school and personal time.

**HOW IS IT ASSESSED?**

Practical demonstrations, written work, poster, tests, worksheets and field trips. A minimum of 16 Unit Standard credits are offered.

**WHERE DOES IT LEAD?**

Tertiary education at a polytechnic, employment within recreation industry.

**COSTS:**

The cost is \$300 as a contribution towards hire of facilities and gear, transport, outside instructor hire, gear maintenance, and accommodation fees.

# SCIENCES

## AGRICULTURE/HORTICULTURE LEVELS 1 AND 2

### ENTRY REQUIREMENTS:

Open entry.

### COURSE CONTENT:

National Certificate in Agriculture Introductory (Level 2), students will be assessed in different areas of farming from livestock handling to driving a tractor. The certificate comprises of 42 (Level 2) Credits and if it is achieved students can move onto specialising in Dairy and Cattle Farming.

### HOW IS IT ASSESSED?

The course will be a mixture of practical assessments and bookwork completion and is assessed by an outside provider.

### WHERE DOES IT LEAD?

If you are interested in a career in either Agriculture or Horticulture this course will provide you with the qualifications for further tertiary training and a career in the Farming and Agriculture industries.

## ACHIEVEMENT STANDARD SCIENCE LEVEL 1

### ENTRY REQUIREMENTS:

Entry agreed to by the Year 10 Science teacher or the Head of Science.

### COURSE CONTENT:

Achievement Standards totalling up to 20 credits will be offered in Chemistry, Physics and Biology topics. Class work will be student centred and involve practical work whenever possible.

### HOW IS IT ASSESSED?

Practical skills will be internally assessed as part of the year's programme. The remaining Achievement Standards will be assessed by an external examination at the end of the year or by internal assessment.

### WHERE DOES IT LEAD?

This is the Science subject most students should take in Year 11 because it leads onto three Science subjects in Year 12 - Biology, Chemistry and Physics - giving students the greatest choice. Science is involved in a majority of careers, directly or indirectly.

### COSTS:

A workbook may be required.

## LIFE SCIENCES LEVEL 1

### ENTRY REQUIREMENTS:

Entry agreed to by the Year 10 Science teacher or the Head of Science.

### COURSE CONTENT:

A range of topics covering the human body and our environment. Achievement standards and unit standards totalling at least 20 credits will be offered which cover these areas. Research and practical skills will be part of the year's programme. Class work will be student centred and will involve practical work whenever possible.

### HOW IS IT ASSESSED?

Research and practical skills will be internally assessed. All other Achievement Standards will be assessed by external examinations in sections at the end of the year. Students can choose to sit some or all of these sections. At least 24 credits are offered.

### WHERE DOES IT LEAD?

This course is for students who do not want to go on and do Chemistry or Physics at Year 12. It leads onto Biology in Year 12 (if a student achieves at a high level) which may lead onto careers in the health, horticultural, agricultural, science and technology fields.

### COSTS:

Write-on workbooks are required for the achievement standards students choose to sit. Prices vary for each workbook from \$6 to \$9 approximately. The maximum cost is approximately \$24.

## UNIT STANDARD SCIENCE LEVEL 1

### ENTRY REQUIREMENTS:

There are no entry requirements.

### COURSE CONTENT:

Up to ten Unit Standards totalling up to 20 credits will be offered in topics from body maintenance, reproduction, inheritance and survival, chemical patterns, chemical reactions,

sports science, electricity at home and work, weather, earth and space, practical science activity, and science research and reporting.

#### HOW IS IT ASSESSED?

No examinations. It is assessed by short tests, worksheets and mini-projects. Some internally assessed Achievement Standards may also be included.

#### WHERE DOES IT LEAD?

This is an alternative to either Achievement Standards Science Level 1 or Life Sciences Level 1. It leads onto either of these courses.

## SCIENCE LEVEL 2

This course may be done as a full year course or as a semester one or semester two course.

#### ENTRY REQUIREMENTS:

There are no entry requirements.

#### COURSE CONTENT:

The course is suitable for Year 12 and 13 students wishing to extend their science knowledge to a broader more practical level. The course consists of a variety of level 2 unit and achievement standards that cover a range of science topics. Topics include chemistry, light, biology, astronomy, and environment.

#### HOW IS IT ASSESSED?

A mixture of internal and external assessments.

#### COSTS:

There could be field trips necessary for the course which may involve a cost for transport.

## BIOLOGY LEVEL 2

#### ENTRY REQUIREMENTS:

At least an achieve grade in the Biology Section of Level 1 Science or sufficient achieve grades in Life Sciences Level 1 as determined by the class teacher or the Head of Science.

#### COURSE CONTENT:

The course is divided into the following major themes:- ecology; cell form and function; plant or animal diversity; genetics; applied biology. Each theme is covered in depth, looking at the main concepts involved and relating them to contemporary issues where relevant. It builds and expands on the Biology done at previous levels. There is an emphasis on practical work in all topics covered.

#### HOW IS IT ASSESSED?

A combination of internally and externally assessed Unit Standards and Achievement Standards. At least 21 credits are offered. The practical and research skills are internally assessed.

#### WHERE DOES IT LEAD?

Level 3 Biology and many Science based careers and university courses.

#### COSTS:

There is a course manual with answers which costs approximately \$32. Some fieldwork may be carried out to various locations and would involve a cost for transport.

## BIOLOGY LEVEL 3

#### ENTRY REQUIREMENTS:

Entry agreed to by this year's Biology teacher or the Head of Science based on results in Biology Level 2.

#### COURSE CONTENT:

This subject covers molecular biology, genetics, evolution, biotechnology, human evolution, plant and animal behaviour, a major plant or animal study and research on a contemporary biological issue.

#### HOW IS IT ASSESSED?

A combination of internally and externally assessed Achievement and Unit Standards totalling at least 24 credits are offered.

#### WHERE DOES IT LEAD?

Tertiary study and many Science related career options.

#### COSTS:

A Course Manual with answers and Revision Notes are required. The total cost is approximately \$55.00.

## CHEMISTRY LEVEL 2

#### ENTRY REQUIREMENTS:

Entry agreed to by this year's Science teacher or the Head of Science.

#### COURSE CONTENT:

The topics covered are rate of reaction, atoms, bonding fuels, calculations, energy changes, equilibrium, acids and bases, titrations, carbon compounds, redox and precipitation.

#### HOW IS IT ASSESSED?

A combination of internally and externally assessed Achievement and Unit Standards totalling at least 24 credits.

#### WHERE DOES IT LEAD?

Level 3 Chemistry and many Science based careers and university courses. You must do Level 2 if you want to do Level 3 Chemistry. It is also helpful for higher level Physics courses.

#### COSTS:

A lab manual costing approximately \$22 is required.

### CHEMISTRY LEVEL 3

#### ENTRY REQUIREMENTS:

Entry agreed to by this year's Chemistry teacher or the Head of Science.

#### COURSE CONTENT:

The topics covered are energy changes, equilibrium, precipitation, acids and bases, atomic structure, radioactivity, molecules, carbon compounds, halogens, transition metals and redox. They follow on from those in the Level 2 course and give the extra detail needed to make the study of Chemistry at tertiary level easier.

#### HOW IS IT ASSESSED?

A combination of internally and externally assessed Achievement and Unit Standards totalling at least 20 credits.

#### WHERE DOES IT LEAD?

Since most scientific and technical careers involve Chemistry, its study at Year 13 is essential for anyone wanting to qualify in the health, horticultural, agricultural, biological, pharmaceutical, geological, veterinary, scientific, architectural, engineering or technical fields.

#### COSTS:

A practical manual costing approximately \$24 is required.

### PHYSICS LEVEL 2

#### ENTRY REQUIREMENTS:

Students must achieve either the Level 1 Science standard 90191 or achieve a minimum of 4 credits from Mathematics Achievement Standards in Algebra, Measurement or Number.

#### COURSE CONTENT:

This course is set by the national Level 7 Physics curriculum. Topics covered include mechanics, electricity, electromagnetism, light and waves, atomic and nuclear physics.

#### HOW IS IT ASSESSED?

A combination of internally and externally assessed Achievement and Unit Standards totalling at least 24 credits. The practical skills are internally assessed.

#### WHERE DOES IT LEAD?

Level 3 Physics. You must do Level 2 if you want to do Level 3 Physics.

#### COSTS:

A \$28 course manual is required.

### PHYSICS LEVEL 3

#### ENTRY REQUIREMENTS:

A minimum of 14 credits from Level 2 Physics or from Level 2 Mathematics including Algebra, Graphs and Calculus.

#### COURSE CONTENT:

The topics covered are: mechanics, electricity, electromagnetism, light and waves, atomic and nuclear physics.

#### HOW IS IT ASSESSED?

A combination of internally and externally assessed Achievement and Unit Standards totalling at least 24 credits.

#### WHERE DOES IT LEAD?

The study of Physics is an essential component for all careers involving engineering, technology, and health sciences and for further study of Physics at university. It is also useful for students with technological aspirations.

#### COSTS:

A \$28 course manual is required.

# SOCIAL SCIENCES

## STUDIES OF SOCIETY LEVEL 1

This course introduces students to the three senior Social Science courses of History, Geography and Social Studies. Students need to take this course if they plan to study any of those subjects in Years 12 and 13.

### COURSE CONTENT:

History: Black Civil Rights, Origins of World War 2  
Geography: Global Issue eg H1N1(Swine Flu), Landmines  
Social Studies: Law and Order eg Death Penalty, Drinking Age

### HOW IS IT ASSESSED?

There will be a minimum of 20 credits from History, Geography and Social Studies on offer.

## GEOGRAPHY

Geography involves learning about people and their societies, economies, cultures and the environment. The study of Geography helps to develop skills that are useful in careers in farming, town, regional and environmental planning, mapping, tourism, surveying, geology, mining, engineering, meteorology, teaching, climatology, weather forecasting, climate change, economics and others.

## GEOGRAPHY LEVEL 2

### ENTRY REQUIREMENTS:

Students can begin studying Geography at this level for the first time but they need Level 1 Achievement Standards in English and need to consult with the Head of Social Sciences Faculty.

### COURSE CONTENT:

This course builds on the skills learned in the 2010 Level 1 course.  
Topics: Natural landscapes, contemporary geographical issue, urban settlements.  
Settings: Local, national and continental.  
Classroom based studies are reinforced through fieldwork.

### HOW IS IT ASSESSED?

There will be a minimum of 15 – 18 Level 2 Achievement Standards credits (8 external).

### COSTS:

The estimated cost for fieldwork is \$150.

## GEOGRAPHY LEVEL 3

### ENTRY REQUIREMENTS:

While Level 3 Geography builds on the work learned at Levels 1 and 2, many students successfully begin the study of the subject at Level 3. Level 2 achievement standards in English and an interest in the natural environment are important to the student beginning the subject at this level.

### COURSE CONTENT:

Topics: Natural processes (coastal processes – the Manawatu landscape), cultural processes (tourism), planning and decision making (local government planning issues).  
Classroom based studies are reinforced through fieldwork.

### HOW IS IT ASSESSED?

There will be a minimum of 15 – 18 Level 3 Achievement Standards credits (8 external).

### COSTS:

The estimated cost for fieldwork is \$50.

## HISTORY

History offers an understanding of human activities in the past in the context of change through time. It enables students to understand their heritage and that of their community, society and nation. History provides a sound foundation for many careers: Journalism, Law, Public Policy, Human Resource Management, Research and Education

## HISTORY LEVEL 2

The course may be taken for one semester or for the full year. If a student wishes to take this subject in the second semester, they must have taken Level 1 History the previous year.

#### ENTRY REQUIREMENTS:

Students can begin studying History at this level for the first time but they need Level 1 achievement standard credits in English and need to consult with the Head of Social Sciences Faculty.

#### COURSE CONTENT:

Vietnam war  
Origins of World War One

#### HOW IS IT ASSESSED?

There will be a minimum of 15 – 16 Level 2 credits offered – both internally & externally.

### HISTORY LEVEL 3

The course may be taken for one semester or for the full year. If a student wishes to take this subject in the second semester, they must have taken Level 1 or Level 2 History previously.

#### ENTRY REQUIREMENTS:

Students can begin studying History at this level for the first time but they need Level 2 Achievement Standard credits in English and need to consult with the Head of Social Sciences Faculty.

#### COURSE CONTENT:

New Zealand in the 19<sup>th</sup> Century.

#### HOW IS IT ASSESSED?

There will be a minimum of 15 – 16 Level 3 credits offered – both internally & externally.

### SOCIAL STUDIES LEVEL 2

The course may be taken for one semester or for the full year. If a student wishes to take this subject in the second semester, they must have taken Level 1 Social Studies the previous year.

#### ENTRY REQUIREMENTS:

Students can begin studying Social Studies at this level for the first time but they need Level 1 Achievement Standard credits in English and need to consult with the Head of Social Sciences Faculty.

#### COURSE CONTENT:

- Study of a Global Conflict – Middle East (Israel).
- Human rights issue – Muslim women
- Study of a current New Zealand issue.

#### HOW IS IT ASSESSED?

There will be a minimum of 15 – 16 Level 2 credits offered – both internally & externally.

### SOCIAL STUDIES LEVEL 3

The course may be taken for one semester or for the full year. If a student wishes to take this subject in the second semester, they must have taken Level 1 or Level 2 Social Studies previously.

#### ENTRY REQUIREMENTS:

Students can begin studying Social Studies at this level for the first time but they need Level 2 Achievement Standard credits in English and need to consult with the Head of Social Sciences Faculty.

#### COURSE CONTENT:

- Study of a current global issue - Terrorism
- Cultural Conflict – The Stolen Generation in Australia
- Study of comparative religions – Focus on Hinduism
- Social action in action – 1981 Springbok rugby tour protests.

#### HOW IS IT ASSESSED?

There will be a minimum of 15 – 16 Level 3 credits offered – both internally & externally.

#### WHERE DOES IT LEAD?

Social Studies can be studied at Levels 1 – 3. At university students will be able to undertake study in sociology, psychology, political studies and international relations. Social Studies is a useful subject for many careers such as journalism, law, social work, teaching, broadcasting and foreign affairs.

### TOURISM LEVEL 2

#### ENTRY REQUIREMENTS:

This subject is only available to those students who are considering a career in the tourism or travel industries. Credits gained will lead towards the National Certificate in Travel and Tourism. Permission to study Tourism must be gained from the Head of Social Sciences Faculty or the relevant year level Dean.

#### COURSE CONTENT:

History of tourism, impact of tourism, world tourism, skills needed in the tourism industry (written, oral, mathematical and computer), employment in the tourism industry.

#### HOW IS IT ASSESSED?

There will be a minimum of 15 – 16 Level 2 credits.

**COSTS:**

There is a cost of \$120 for a set of manuals.

**TOURISM LEVEL 3**

**ENTRY REQUIREMENTS:**

Students must have studied Level 2 Tourism.

**COURSE CONTENT:**

Economic significance of Tourism, New Zealand regional tourism, Australia and the Pacific Islands.

**HOW IS IT ASSESSED?**

There will be a minimum of 15 – 16 Level 3 credits.

**COSTS:**

There is a cost of \$120 for a set of manuals.

# SUPPORT & GUIDANCE

**GATEWAY LEVELS 2 & 3**

Gateway is a programme which allows students to study and gain assessed work experience in their chosen vocation. Preference is given to Year 12 and 13 students who have a career path in mind and have achieved Level 1 Numeracy and Literacy because students must also complete at least 10 credits of work related unit standards. A driver's licence is also required as some work placements need to be sourced further afield of Levin. Students must formally apply in writing with a CV attached. They will then undergo a formal interview with the Gateway co-ordinator and parents/caregivers to discuss the contractual agreement, student requirements and the expected work ethic in class and in the work place.

**COURSE CONTENT:**

This course will include compulsory work ready unit standards that must be achieved before students can go to work. Once students start work they must then complete unit standards that are directly related to their chosen work placement.

**HOW IS IT ASSESSED?**

Credits are offered in Levels 1, 2 and 3. The content is more important than the level or credit value in Gateway. Students must complete at least 10 credits and successfully complete a minimum of 10 weeks or a maximum of 20 weeks in the workplace (1 day/week).

**WHERE DOES IT LEAD?**

To full/part time work, apprenticeships, further training. Students should complete the Gateway course with a better career plan of where they want to go and what they want to do when they leave school.

## LIFE SKILLS LEVELS 1 & 2

Life Skills education is designed to assist students when transitioning or making the change from school to work. It enables students to obtain the information necessary to make appropriate decisions for their future in a rapidly changing world. We have introduced new courses called SPEC that are personal development courses that help identify student strengths and in particular, provide opportunities for students to demonstrate Key Competencies.

### COURSE CONTENT:

This course is designed to give students an opportunity to develop personal and work related skills needed for employment. Students are encouraged to participate in courses that are relevant to their vocational interests. Students will begin at Entry Level Shooting Star Award providing opportunities to develop basic understanding of negotiation, planning, self review and Key Competencies. They then progress onto the One Star Award (L1) and Two Star Award (L2) which include opportunities to cover selected L1 & 2 Unit Standards.

### HOW IS IT ASSESSED?

Each of the SPEC courses has course requirements in order to achieve each of the Awards. Students are required to complete a number of tasks that are planned and presented into a portfolio of evidence. These portfolios are then taken to a verification meeting to be marked.

### WHERE DOES IT LEAD?

To the next Award level and NCEA L2 & 3.

### COSTS :

\$60 to cover SPEC booklets, certificates & photocopying, printing student work for verification and a flash drive for saving student work. Internet money will also be required for students to research and complete their chosen tasks.

# TECHNOLOGY

## AUTOMOTIVE ENGINEERING LEVEL 1

### ENTRY REQUIREMENTS:

Automotive Engineering Technology is a course for all students who have a major interest in the automotive area at this level.

### COURSE CONTENT:

This course looks at the automotive trade, occupational areas and the structure of the industry in New Zealand. Safe working practices are examined. The operation of all types of hand tools, automotive workshop equipment, the operation of two and four stroke CI and SI engines.

### HOW IS IT ASSESSED?

This course is assessed using level 1 and 2 Industry Unit Standards. Some Achievement Standards may also be offered. A minimum of 17 credits can be achieved.

### COSTS:

There is a course fee of \$90.00 for materials and Weltec books.

## AUTOMOTIVE ENGINEERING LEVEL 2

This course can be taken as a half year or a full year course.

### ENTRY REQUIREMENTS:

Automotive Engineering Technology is a course for all students who have a major interest in the automotive area at this level.

### COURSE CONTENT:

This course looks at the automotive trade, occupational areas and the structure of the industry in New Zealand. Safe working practices are examined. The operation of all types of hand tools, automotive workshop equipment, the operation of two and four stroke CI and SI engines. In the second half year students work on their own project (engines) or an in house project. This course will offer a double line when available.

#### HOW IS IT ASSESSED?

This course is assessed using level 1 and 2 Industry Unit Standards. A minimum of 17 credits can be achieved. The half year course offers 11 credits.

#### COSTS:

There is a course fee of \$90.00 for materials and Weltec books.

### CARPENTRY LEVELS 2 AND 3

These courses can be taken as a half year or a full year course.

#### ENTRY REQUIREMENTS:

The only entry requirement is a positive attitude.

#### COURSE CONTENT:

This course is designed primarily for students wishing to pursue a career as a builder, or students interested in gaining some experience in using tools and building projects.

#### HOW IS IT ASSESSED?

This course is assessed using Level 2 Industry Unit Standards. A minimum of 21 credits can be achieved in the full year course while 10 credits will be available for the half year course. The level 3 course is also assessed using Level 3 Industry Unit Standards. A total of 13 credits are available for the full year course while 7 credits are available for the half year course.

#### WHERE DOES IT LEAD?

The National Certificate in Carpentry and an apprenticeship in Carpentry.

#### COSTS:

The course fee is \$80.00 for materials for the full year and \$40 for the half year.

### ENGINEERING LEVEL 1

#### ENTRY REQUIREMENTS:

Students that have a major interest in engineering may enter from any level and still gain unit standards towards Level 1.

#### COURSE CONTENT:

This is a one-year course in practical engineering skills. There will be a take home project component. The course will include use of engineering tools, electric and gas welding, and general engineering processes. Some Unit Standards are practical and some have theory content.

#### HOW IS IT ASSESSED?

A minimum of 17 unit standards are offered in a variety of engineering skills. Level 1 Engineering now offers the students a National Certificate in Mechanical Engineering.

#### WHERE DOES IT LEAD?

Pre-apprentice training courses, Engineering Apprenticeships. Scholarship opportunities are available twice a year for eligible students.

#### COSTS:

The course fee is \$80.00 for materials.

### ENGINEERING LEVEL 2

This course can be taken as a half year or a full year course.

ENTRY REQUIREMENTS: This course is for Year 12 and 13 students who have a major interest in engineering and wish to gain Unit Standards towards Level 2.

#### COURSE CONTENT:

This is a one-year course in practical engineering skills. There will be a take home project component.

This course will include use of engineering tools, electric and gas welding, and general engineering processes. Some unit standards are practical and some have theory content.

#### HOW IS IT ASSESSED?

A minimum of 17 unit standards are offered in a variety of engineering skills. Level 2 Engineering now offers the students a National Certificate in Mechanical Engineering. To achieve the certificate students will need to gain 62 credits. This can be achieved over two years or on a double line when available.

#### WHERE DOES IT LEAD?

Pre apprentice training courses, Engineering Apprenticeships in a range of engineering fields. Scholarship opportunities are available twice a year for eligible students.

#### COSTS:

The course fee is \$80.00 for materials. Students building the motor bike will need to purchase a kit which has an extra cost.

### FURNITURE FOR FLATTERS LEVEL 1

#### ENTRY REQUIREMENTS:

It is not necessary for the student to have done woodwork previously.

#### COURSE CONTENT:

Material Technology (Wood). A range of projects will be available from which students may choose, although the complexity of the project will be dependent on the experience of the student. The emphasis will be on the practical work. Possible projects are occasional coffee tables, bedside tables, study desks and other such furniture as is required by the student who is leaving home and progressing onto studies elsewhere. This is an ideal opportunity for those senior female students who have not had access to a practical based course before to make projects that will be beneficial to them in the future.

#### HOW IS IT ASSESSED?

This course is assessed using Level 1 and 2 Industry Unit Standards. A minimum of 15 credits can be achieved.

#### WHERE DOES IT LEAD?

The Unit Standards offered in this course are part of a pre-apprenticeship training course and may be credited against any other training in these areas. The Unit Standards that will be offered will also assist those students who may wish to advance into this type of industry occupation upon leaving college.

The practical skills which will be learnt in this course will benefit the student in home maintenance and hobbies during later life.

#### COSTS:

Costs involved are dependent on the material type, amount and finish each student uses for his/her projects and must be met by the student before work is taken home. The cost is \$80.00.

### GRAPHICS LEVELS 1, 2 AND 3

#### ENTRY REQUIREMENTS:

There is open entry to the Level 1 course. Students wishing to do either Level 2 or Level 3 must have completed the Level 1 course.

#### COURSE CONTENT:

Level 1, 2 and 3 Graphics are centred round the learning areas of graphics, architectural technology, media design and formal drawing skills.

The approach to this is through the use of the design brief. The Level 3 course encourages students to progress on with the development of research and investigative skills complemented with a high level of formal drawing ability. With these skills students will be able to create two and three-dimensional drawings and the formal working drawings which are used to create visual understanding.

#### HOW IS IT ASSESSED?

This course is assessed using Achievement Standards offering a minimum of 17 credits.

#### WHERE DOES IT LEAD?

Graphics at this level can lead onto many courses at the tertiary level.

#### COSTS:

Students are required to purchase a kit of Graphics equipment. There is a \$10.00 fee for printer ink, special papers and graphics media used during class time.

### BUSINESS STUDIES LEVEL 1

#### COURSE CONTENT:

The course is structured using five conceptual strands, they are:

- Business formation,
- Functions of a business,
- People in business,
- Business management,
- Business environment.

Students will gain knowledge, skills and experience in understanding the influences that enterprising behaviour has upon businesses. The course culminates in the chance to plan a business activity.

#### HOW IS IT ASSESSED?

There will be a minimum of 15-16 Level 1 credits offered – both internally and externally.

#### WHERE DOES IT LEAD?

Business Studies at Level 2 and/or Level 3, and for those wishing to go onto tertiary studies in Business Studies.

### BUSINESS STUDIES LEVEL 3

#### ENTRY REQUIREMENTS:

This is an academic course and students need Level 2 achievement standards in English and Mathematics.

#### COURSE CONTENT:

Business Studies at Year 13 is involved in analysing and evaluating business situations. The course is concerned with:

- Analysing a marketing issue in a business and evaluating potential solutions,
- Evaluating the impact of change within organisations,
- Analysing human resource management issues in a business,
- Analysing production processes,
- Analysing stakeholder conflicts in an organisation.

Students will work with real businesses and case studies to provide solutions to organisational problems.

#### HOW IS IT ASSESSED?

There are both internal and external requirements for this course. Students who gain the qualification may apply for credit inclusion at Level 3 if the credits are required for NCEA Level 3.

#### WHERE DOES IT LEAD?

Tertiary study in Business Studies or Commerce.

## INFORMATION TECHNOLOGY - LEVEL 1

#### ENTRY REQUIREMENTS:

There is open entry to this course for students at Year 11 with an interest in developing computer skills which will be useful in life and other subjects at school.

#### COURSE CONTENT:

Work will include

- Operate and maintain a personal computer system
- Manage and protect data in a personal computer
- Word processing
- Multimedia presentations
- Desk Top Publishing
- Web Design

#### HOW IS IT ASSESSED?

A total of 22 credits assessed with Achievement and/or Unit Standards. Students are also working towards the National Certificate in Computing Level 2 (33 credits required).

#### WHERE DOES IT LEAD?

IT Level 2 and 3 NCC/NCEA

Vocational courses at polytechnics, personal skills for tertiary education and essential skills needed in today's working environment.

## INFORMATION TECHNOLOGY - LEVEL 2

#### ENTRY REQUIREMENTS:

This course is for students at Year 12 with an interest in developing computer skills which will be useful in life and other subjects at school.

#### COURSE CONTENT:

Work will include

- Operate and maintain a personal computer system
- Manage and protect data in a personal computer
- Operate a word processor
- Multimedia Presentations
- Desk Top Publishing
- Databases
- Web Design
- Spreadsheets

#### HOW IS IT ASSESSED?

A total of 22 credits internally assessed Unit Standards. Students are also working towards the National Certificate in Computing Level 2. Technology achievement standards will be available also for those students who wish to achieve with merit or excellence.

#### WHERE DOES IT LEAD?

IT Level 3 NCC/NCEA

Vocational courses at polytechnics, personal skills for tertiary education and essential skills needed in today's working environment.

## INFORMATION TECHNOLOGY - Level 3

#### ENTRY REQUIREMENTS:

Students at Year 12 or 13 who have at least 15 credits from Level 1 and 2 and have gained US 2780 and US 2781, and either Web Design (25655) or Print Design (2788).

#### COURSE CONTENT:

- Web Design
- Desktop Publishing
- Interactive Multimedia
- Project Planning
- Social impact of information technology
- Production of Documents

#### HOW IS IT ASSESSED?

A total of 23 credits internally assessed Unit Standards. Students are also working towards National Certificate in Computing Level 3 (20 credits required). 14 Credits can be used for university entrance.

#### WHERE DOES IT LEAD?

Fulltime study at polytechnic or university. This course provides important skills needed in any career.

## COMPUTING SYSTEMS AND MAINTENANCE- LEVEL 3

### ENTRY REQUIREMENTS:

Entry to students in Years 12 and 13. Students must have completed or will complete US 2780 and 2781 this year and it is recommended that they are also doing Level 2 or 3 Computing

### COURSE CONTENT:

- Hands on PC repairs including disassembly and reassembly of PCs
- Installation of operating systems and software and peripherals
- Networking
- Operating Systems and other programs
- Components of PCs

Students may be able to sit Microsoft Application Specialist or Comptia A+ exams at extra cost - this will be discussed during the first term

### HOW IS IT ASSESSED?

A total of 20 credits internally assessed Unit Standards at Level 3 and 4.

### WHERE DOES IT LEAD?

Fulltime study at polytechnic or university. This course provides important skills needed in any career.

## CREATIVE CATERING LEVEL 1

### ENTRY REQUIREMENTS:

Students applying for entry to this course should have a keen interest in the safe, hygienic and creative preparation and presentation of foods.

### COURSE CONTENT:

The aim of the course is to develop safe food handling practices, to raise basic cookery skills and to encourage creativity with foods. Students will participate in activities that will give them insight into the catering and hospitality industry.

### HOW IS IT ASSESSED?

Level 1 Hospitality Standards Institute Unit Standards (NCEA Level 1) which leads to Certificates in Cookery. A minimum of 18 credits can be achieved. Food & Nutrition Achievement Standards will also be offered.

### COSTS:

\$30.00 for Certificate in Cookery Workbook and Certificate.  
\$100.00 for Food and Kitchen resources.

## CREATIVE CATERING LEVEL 2

### ENTRY REQUIREMENTS:

Students at this level are expected to have a desire to extend their skills and abilities in the field of cookery and food and beverage. Further study at polytechnic could lead to a career in the Hospitality Industry.

### COURSE DETAILS:

The course is designed to offer students a full one year course or a half year course. Students choosing a half year course may register for either the first or second semester. Two Certificates of Cookery will be offered in the full year course with a minimum of 18 credits being available for achievement.

Students follow an advanced course in cookery and food safety and are expected to rise to new challenges in food production and presentation.

### HOW IS IT ASSESSED?

Level 2 Hospitality Standards Institute Unit Standards (Level 2 NCEA)

### COSTS:

\$30.00 per semester for workbook and \$50.00 per semester for food and kitchen resources.

## CREATIVE CATERING LEVELS 2-3 (Year 13)

The course is designed to offer students a full year course or a half year course.

Students choosing a half year course may register for either the first or second semester.

### ENTRY REQUIREMENTS:

Students at this level are expected to have a keen interest in the preparation and presentation of foods and the nutritional issues associated with food production. Further study at a Polytechnic could lead to a career in the Hospitality and Tourism Industries.

### COURSE CONTENT:

Students follow an advanced course in the pursuit of knowledge and understanding of food production. The focus is on increasing practical skill and developing a passion for presenting New Zealand produced foods creatively and competently. Competition work is offered for students wishing to pursue a career in Hospitality or Catering (UCOL/WELTEC/H.S.I. sponsored competitions).

### HOW IS IT ASSESSED?

Level 2 and Level 3 Hospitality Standards Institute Unit Standards.

Unit Standard 167 Food Safety is an essential part of this course. (May be assessed in either Semester 1 or 2).

**COSTS:**

\$30.00 per semester for workbook and \$50.00 per semester for food and kitchen resources.

## **SEW & WEAR LEVEL 1**

**ENTRY REQUIREMENTS:**

This is a one-year course that will appeal to those students who have a keen interest in the construction of garments and the design of clothing and textile products.

**COURSE CONTENT:**

The course is based on the techniques and processes required to both make and design textile products.

The programme will incorporate projects that encourage the development of creativity, self-management skills and the understanding of the technology process.

**HOW IS IT ASSESSED?**

Internally assessed Unit Standards. (A minimum of 18 credits can be achieved)

**WHERE DOES IT LEAD?**

Polytechnic Fashion and Design courses. Careers in the fashion industry, management and production. Small business opportunities.

**COSTS:**

Materials for individual garment construction and personal practical work must be supplied by the student. A course fee of \$30.00 is charged for materials provided by the college.

## **SEW & WEAR LEVEL 2**

This subject may be taken for one or two semesters. Students will be working on projects to suit their needs and interests. Each semester is a complete unit working on both design and garment production.

**ENTRY REQUIREMENTS:**

The course follows on from the Year 11 course. An understanding of the design technology process is an advantage but not essential. A keen interest in the construction and design of textile products is critical.

**COURSE CONTENT:**

The course is practically orientated. Assignments include commercial pattern machining, construction skills, learning techniques in applied design.

**HOW IS IT ASSESSED?**

Internally assessed Unit Standards. (A minimum of 18 credits can be achieved)

**WHERE DOES IT LEAD?**

Polytechnic Fashion and Design courses. Careers in the fashion industry, management and production. Small business opportunities.

**COSTS:**

Materials for individual practical assignments must be supplied by the student. A course fee of \$30.00 is made to help cover the cost of materials provided by the college.

## **SEW & WEAR LEVEL 3**

This subject may be taken for one or two semesters. Students will be working on projects to suit their needs and interests. Each semester is a complete unit working on both design and garment production.

**ENTRY REQUIREMENTS:**

The course follows on from the Year 12 course. An understanding of the design technology process is an advantage but not essential. A keen interest in the construction and design of textile products is critical.

**COURSE CONTENT:**

The course is practically orientated. Assignments include commercial pattern machining and construction skills.

**HOW IS IT ASSESSED?**

Internally assessed Unit Standards. (A minimum of 18 credits can be achieved)

**WHERE DOES IT LEAD?**

Polytechnic Fashion and Design courses. Careers in the fashion industry, management and production. Small business opportunities.

**COSTS:**

Materials for individual practical assignments must be supplied by the student. A course fee of \$30.00 is made to help cover the cost of materials provided by the college.