



Mahurangi  
COLLEGE



MAHURANGI COLLEGE  
NEW ZEALAND

# Senior Course Booklet 2022

## Year 11, 12 & 13

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## Planning

The New Zealand Curriculum Framework requires students to study a broad balanced curriculum based on the essential skills: communication, numeracy, information, problem solving, physical work and study, self-management and competitive skills, social and co-operative skills.

The Curriculum identifies eight learning areas:

- English
- Learning Languages
- Mathematics and Statistics
- Science
- Technology
- Social Science
- The Arts
- Health and Physical Education

The Mahurangi College Curriculum is delivered by eight faculties based on these learning areas. Each faculty offers year long courses. The College Curriculum offers a broad education. It encourages students to accept increasing amounts of responsibility for their own learning as they progress. Mahurangi College will ensure that students endeavour to work to their potential and allows students to plan their educational programme in the senior school.

## In Selecting a Programme Students Need to Ask Themselves:

- What qualifications do I want to gain while at school?
- What qualifications and courses do I need for tertiary study or for the work I hope to do when I leave school?
- Does my subject selection provide enough flexibility to change courses or direction in the future?
- Will I be appropriately challenged and have a good chance of success in this course?
- Do I have the prerequisites for the course?
- Have I discussed my preferences with my parents and teachers (whanau, subject teacher, Head of Faculty, and deans and guidance staff)?

## Do Not Select Subjects For The Wrong Reasons, such as:

- You like or dislike a teacher!
- You have a friend in the class!
- You think it's a boy's/girl's subject!
- You think it might be too difficult!
- You don't have anything else to do!

## **Key Points To Note:**

- Courses will only be provided if there are sufficient student enrolments. If necessary, related courses will be amalgamated to form a viable class size.
- Mahurangi College will endeavour to accommodate student subject choices. It will develop a timetable structure that best meets the requirements of the greatest possible number of students.
- Multi-level study is an essential component of the college curriculum. Students may study at any of the different levels. However, any student wishing to study at a higher level must have the approval of the appropriate Head of Faculty.
- Students must meet all course prerequisites or have written Head of Faculty approval.
- Some subjects require students to pay material fees; these fees vary from subject to subject.
- Some subjects have field trips as part of their course and students must be prepared to participate and pay the appropriate trip costs.
- All subject material fees must be paid by 31 March of the year.
- All subject material fees listed are an approximation only.

# NCEA Requirements

The National Certificate of Educational Achievement (NCEA) is the main national qualification for secondary school children in New Zealand. This qualification is recognised by employers and is used for selection by universities and other tertiary institutions in New Zealand and overseas.

NCEA is awarded through the accumulation of National Qualifications Framework credits that will be granted when students demonstrate they have met pre-defined assessment standards based on both skills and knowledge. Each standard achieved is worth a certain number of qualification credits – typically 3 or 4, although there are some worth 2 and 5. The conventional school subjects are worth a total of 18-20 credits.

## NCEA Level 1:

To gain a Level 1 NCEA Certificate, students must obtain 80 credits. These must include 10 literacy and 10 numeracy credits. Credits are gained by obtaining Achievement or Unit Standards in each subject. An Achievement Standard or Unit Standard is a statement that defines what a student is expected to know and be able to do. Most Year 11 subjects that Mahurangi College will offer next year have a potential of 18-20 credits.

**Students will be required to choose six subjects to study next year in order to maximise their opportunities to gain 80 credits:**

Mathematics and English are compulsory and it is strongly recommended that students study a course in Science. There are minimum literacy and numeracy credit requirements in order to gain a NCEA Level 1 Certificate.

- A student needs **80+ credits** in total to be awarded NCEA at Level One.
- Achievement Standards will be internally and/or externally assessed.
- Unit Standards will also contribute credits towards the NCEA.
- The NCEA Level 1 Certificate need not be obtained over just one year.
- An Achievement Standard is designed so that four levels of student performance can be identified – not achieved, achieved, achieved with merit, achieved with excellence.
- Student results will be published on the NZQA website from mid January. Students will need to apply online to receive their official Record of Achievement. This will be updated as they gain more credits.
- Students must gain 10 credits in literacy and 10 credits in numeracy in order to be awarded NCEA Level 1.

## NCEA Level 2:

To gain the Level 2 NCEA Certificate, students must attain **60+ credits**.

Most Year 12 students will take courses that lead to the National Certificate in Educational Achievement (NCEA) Level 2. Some will take courses at other levels depending on their previous achievements and choices.

Students studying towards their NCEA Level 2 must take six (6) subjects. An English course is compulsory. Students that intend going on to university the following year should complete the NCEA courses in at least 5 university approved subjects that lead to appropriate Level 3 courses.

## NCEA Level 3:

To gain the Level 3 NCEA Certificate, students must attain **60+ credits**.

All Year 13 students must be enrolled and study five subjects for the year.

## University Entrance requirements

- Students must achieve NCEA L3 including at least 14 credits from each of 3 approved subjects. Level 3 subjects in this booklet list whether they are approved or not for UE.
- Plus a minimum of 10 credits at Level 2 or higher in Literacy or Te Reo Maori, 5 in Reading and 5 in Writing. This can be gained in other subjects that offer the relevant standards.
- Plus a minimum of 10 credits at Level 1 or higher in Mathematics.

Tertiary Institutes have their own entrance requirements in addition to University Entrance.

Students need to refer to individual Tertiary Institutes for specific subject requirements.

**NB** If a student wishes to go to Auckland University, they must gain 17 credits from English Level 2 or above.

## Recognising High Achievement:

### Endorsed Certificate

You can gain Level 1, 2 or 3 NCEA with Merit or Excellence endorsement. If you achieve Level 1, 2 or 3 NCEA and also get 50 or more credits at Excellence, you will earn an NCEA endorsed with Excellence. If you get 50 or more credits at Merit (or a mix of Merit and Excellence), you will earn an NCEA endorsed with Merit.

### Endorsed Course

Subject course endorsement will provide recognition for students who perform exceptionally well in individual courses. Students will be able to have their strengths in individual courses recognised with a course endorsement at Merit or Excellence. Students will gain an endorsement for a course where they achieve:

- 14 or more credits at Merit or Excellence
- At least 3 credits from externally assessed standards and 3 credits from internally assessed standards (there are some exceptions)
- All of these 14+ credits need to be gained in the same school year.

**Useful websites for you to look at:** The [Careers Corner](#) on the school website or using your child's username and password to login to [Careers Central](http://cc.school.nz/) (<http://cc.school.nz/>)

Remember the best place to start for support is the Careers Office in A4. If you have any academic questions or concerns see the Careers Advisors or the Year 11-13 Academic Deans.

A full copy of this booklet including Achievement/Unit Standards for each course is available on the college website at <http://www.mahurangi.school.nz>

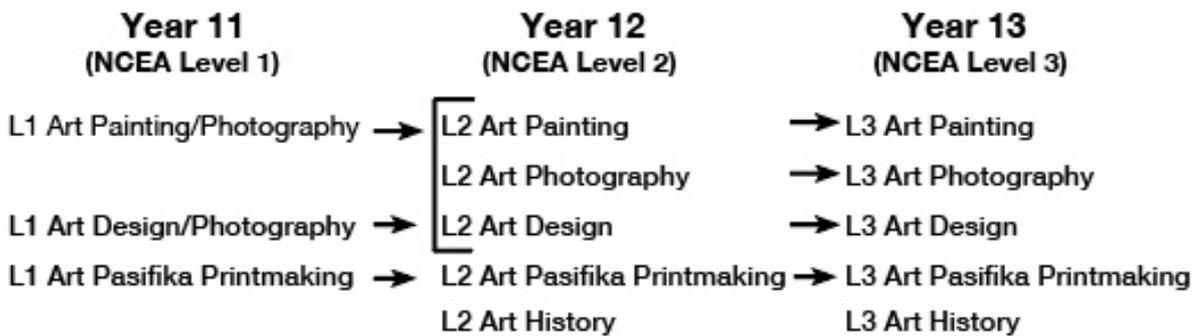
# Visual and Performing Arts Faculty



The Arts are powerful forms of expression that recognise, value and contribute to the unique bicultural and multicultural character of Aotearoa New Zealand. The Arts have their own distinct languages that use both verbal and non-verbal conventions. Through movement, sound, and image, the Arts transform people's creative ideas into expressive works that communicate layered meanings. Learning in, through and about the Arts stimulates creative action and response by engaging and connecting thinking, imagination, senses, and feelings.

## Visual Arts

The Visual Arts Department is offering a range of senior art curriculum areas. Each area offers a wide variety of opportunities for students to explore their artistic learning. Students can only take one Level 1 Art subject.



## Music

In music education students work individually and collaboratively to explore the potential of sounds and technologies for creating, interpreting and representing music ideas. A practical and theoretical course at NCEA Level 1 and 2 with the opportunity to specialise at Level 3.



## Drama

As students perform, they learn to analyse and respond to different forms of drama and theatre. They gain a deeper appreciation of their rich cultural heritage, language and new power to examine attitudes, behaviours, and values and extend to communication of complex ideas and concepts.



## Dance

The aim of Dance is to develop and demonstrate skills in selected dance genres and styles and explore the use of a variety of technologies. Students will select and use choreographic devices, structures, processes and technologies to develop and give form to dance ideas. Throughout the year they will prepare, rehearse and perform a range of dances and demonstrate an understanding of the performance requirements of the genres and contexts



**L1DES L1 Art Design / Photography****20 Credits****Yr:11****Assessment:**

12 credits externally assessed and 8 credits internally assessed.

**Costs:**

\$60 course costs includes colour photocopies, computer printing, printmaking material, specialist art material, quality painting paper, folio boards and pencil.

A stationery list, including paints and brushes, will go out at the beginning of the year; students can either purchase art materials themselves or through the school in Term 1.

**Prerequisites:**

Successful completion of Year 10 Practical Art or Head of Faculty approval.

**Learning Strategies:**

This course requires students to develop their own theme which is extended into a 'campaign type design'.

During the course, students will have the opportunity to draw, take photos and create design based products, such as t-shirts and posters. Within this course of study, students will be introduced to a wide range of artists/photographers/designers who will inform their work and thinking. They will also be introduced to key art, photography and design skills and concepts. They will have the opportunity to learn and use Adobe Photoshop, Illustrator and Indesign to enhance their final designs.

**Main Areas of Study:**

This course will involve students generating and developing ideas based on 3 assessed areas as follows;

1.3: Use drawing conventions to develop work in more than one field of practice.

1.5: Produce a finished work that demonstrates skills appropriate to cultural conventions.

1.4: Produce a body of work informed by established practice, which develops ideas, using a range of media.

Students at Level 1 can only do one Visual Art subject in the same year.

**L2DES L2 Art Design****20 credits****Yr:12****Assessment:**

12 credits externally assessed and 8 credits internally assessed.

**Costs:**

\$70 course costs include colour printing, specialist art materials.

A stationery list, including design materials, will go out at the beginning of the year. Students can either purchase art materials themselves or through the school, in Term 1.

**Prerequisites:**

Awarded achieved or greater in the external folio board at Level 1 Art Design / Art Painting or Head of Faculty approval.

**Learning Strategies:**

Students will investigate ideas and approaches within established design practice to produce a body of work. Students are able to select their own theme around a Food Truck and choose a design style for developing and extending their own ideas. They will be producing work to the principles of design and specific conventions as a starting point for creating their own work. They will present all work in a digital workbook and on an A1 folio board.

**Main Areas of Study:**

This programme will get students to generate and develop ideas based on 3 assessed areas:

2.2 Using drawing methods to apply knowledge of conventions appropriate to Design.

2.3 Develop ideas in a related series of drawing appropriate to established Design practice.

2.4 Produce a systematic body of work that shows understanding of art-making conventions and ideas within Design.

**L3DES L3 Art Design****22 credits****Yr:13****Assessment:**

14 credits externally assessed and 8 credits internally assessed. **This is a university approved subject.**

**Costs:**

\$80 course costs includes folio boards, courier for folio boards to Wellington, colour printing, specialist art materials.

**Prerequisites:**

Awarded achieved or greater in the external folio board for either Level 2 Art Design, Level 2 Art Painting, Level 2 Photography or Head of Faculty approval.

**Learning Strategies:**

Students will investigate ideas and approaches within established design practice to produce a body of work. Students are able to select their own personal theme and design style as a means to developing and extending their own ideas. They will be producing work to the principles of design and specific conventions as a starting point for creating their own work. They will present all work in a digital workbook and on an A1 folio board.

**Main Areas of Study:**

This programme will get students to generate and develop ideas based on 3 assessed areas:

3.2 Use drawing to demonstrate understanding of conventions appropriate to design.

3.3 Systematically clarify ideas using drawing informed by established design practice.

3.4 Produce a systematic body of work that integrates conventions and regenerates ideas within design practice.

<b>L1PAI</b>	<b>L1 Art Painting / Photography</b>	<b>20 credits</b>	<b>Yr: 11</b>
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**Assessment:**

12 credits externally assessed and 8 credits internally assessed.

**Costs:**

\$50 course costs includes colour photocopying, printmaking material, speciality art material, quality painting paper, folio boards and pencils. A stationery list, including paints and brushes, will be provided at the beginning of the year. Students can either purchase art materials themselves or through the school, in Term 1.

**Prerequisites:**

Completed Year 10 Art or Head of Faculty approval.

**Learning Strategies:**

This course requires students to develop their own theme, which is extended through the use of a variety of media. Students will have the opportunity to draw, take photos and explore contemporary painting techniques such as spray painting, stencilling. They will also be introduced to key art and photography skills and introduced to art making concepts.

**Main Areas of Study:**

This programme will get students to generate and develop ideas based on 3 assessed areas as follows:

- 1.2: Use drawing methods and skills for recording information using wet and dry media.
- 1.3: Use drawing conventions to develop work in more than one field of practice
- 1.4: Produce a body of work informed by established practice, which develops ideas, using a range of media.

**Students at Level 1 can only do ONE Visual Art subject in the same year.**

<b>L2PAI</b>	<b>L2 Art Painting</b>	<b>20 credits</b>	<b>Yr: 12</b>
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**Assessment:**

12 credits externally assessed and 8 credits internally accessed.

**Costs:**

\$60 course costs includes colour photocopying, specialist art materials, quality painting paper, folio boards and pencil. A stationery list, including paints and brushes, will be given out at the beginning of the year. Students can either purchase art materials themselves or through the school, in Term 1.

**Prerequisites:**

Achieved or greater in the external folio board at Level 1 Art Design or Level 1 Art Painting or Head of Faculty approval.

**Learning Strategies:**

This course allows you to develop your own personal theme. The nature of the theme can take a number of forms. These may centre around a strong personal interest or a personal standpoint, your place in society, your own culture or the future. Within this study, students will be introduced to a wide range of artists/designers to base their work and thinking upon. They will be introduced to key painting skills and concepts. Students will have the opportunity to learn new contemporary painting techniques.

**Main Areas of Study:**

This programme will get students to generate and develop ideas based on 3 assessed areas:

- 2.2 Using drawing methods to apply knowledge of conventions appropriate to Painting.
- 2.3 Develop ideas in a related series of drawing appropriate to established painting practice.
- 2.4 Produce a systematic body of work that shows understanding of art-making conventions and ideas within painting.

<b>L3PAI</b>	<b>L3 Art Painting</b>	<b>22 credits</b>	<b>Yr: 13</b>
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**Assessment:**

14 credits externally assessed and 8 credits internally assessed. **This is a university approved subject.**

**Costs:**

\$75 course costs includes folio boards, courier for folio boards to Wellington, colour photocopying, specialist art materials, A3 quality painting paper and pencil. A stationery list, including paints and brushes, will be given out at the beginning of the year. Students can either purchase materials themselves or through the school, in Term 1.

**Prerequisites:**

Achieved or greater in the external folio board for either Level 2 Art Design, Level 2 Art Painting, Level 2 Photography or Head of Faculty approval.

**Learning Strategies:**

This course allows you to develop your own personal theme. The nature of the theme can take a number of forms. These may centre around a strong personal interest or a personal standpoint, your place in society, your own culture or the future. Within this study, students will be introduced to a wide range of artists/designers to base their work and thinking upon. They will be introduced to key painting skills and concepts. Students will have the opportunity to learn new contemporary painting techniques.

**Main Areas of Study:**

This programme will get students to generate and develop ideas based on 3 assessed areas:

- 3.2 Use drawing to demonstrate understanding of conventions appropriate to painting.
- 3.3 Systematically clarify ideas using drawing informed by established painting practice.
- 3.4 Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice.

**L1APP L1 Art Pasifika Printmaking****22 Credits****Yr:11****Assessment:**

12 credits externally assessed and 10 credits internally assessed.

**Costs:**

\$50 course costs includes printmaking material, specialist art material, quality printmaking paper, folio boards and pencil.

**Prerequisites:**

Nil

**Learning Strategies:**

This is a multiple level course (Levels 1, 2, 3) drawing on the students own knowledge of the world and enables success through building on the importance of connecting and responding to the identity and culture of Pasifika. Students will be able to explore a variety of printmaking techniques from drypoint etching, monotype to reduction woodcut carving.

**Main Areas of Study:**

This course will involve students generating and developing ideas based on 3 assessed areas as follows;

1.3: Use drawing conventions to develop work in more than one field of practice.

1.5: Produce a finished work that demonstrates skills appropriate to cultural conventions.

1.4: Produce a body of work informed by established practice, which develops ideas, using a range of media.

**Students at Level 1 can only do ONE Visual Art subject in the same year.**

**L2APP L2 Art Pasifika Printmaking****20 Credits****Yr:12****Assessment:**

12 credits externally assessed and 8 credits internally assessed.

**Costs:**

\$50 course costs includes printmaking material, specialist art material, quality printmaking paper, folio boards and pencil.

**Prerequisites:**

Nil

**Learning Strategies:**

This is a multiple level course (Levels 1, 2, 3) drawing on the students own knowledge of the world and enables success through building on the importance of connecting and responding to the identity and culture of Pasifika. Students will be able to explore a variety of printmaking techniques from drypoint etching, monotype to reduction woodcut carving.

**Main Areas of Study:**

This programme will get students to generate and develop ideas based on 3 assessed areas:

2.2 Using drawing methods to apply knowledge of conventions appropriate to Printmaking.

2.3 Develop ideas in a related series of drawing appropriate to established Printmaking practice.

2.4 Produce a systematic body of work that shows understanding of art-making conventions and ideas within Printmaking.

**L3APP L3 Art Pasifika Printmaking****22 Credits****Yr:13****Assessment:**

14 credits externally assessed and 8 credits internally assessed.

**Costs:**

\$50 course costs includes printmaking material, specialist art material, quality printmaking paper, folio boards and pencil.

**Prerequisites:**

Nil

**Learning Strategies:**

This is a multiple level course (Levels 1, 2, 3) drawing on the students own knowledge of the world and enables success through building on the importance of connecting and responding to the identity and culture of Pasifika. Students will be able to explore a variety of printmaking techniques from drypoint etching, monotype to reduction woodcut carving.

**Main Areas of Study:**

This programme will get students to generate and develop ideas based on 3 assessed areas:

3.2 Use drawing to demonstrate understanding of conventions appropriate to printmaking.

3.3 Systematically clarify ideas using drawing informed by established printmaking practice.

3.4 Produce a systematic body of work that integrates conventions and regenerates ideas within printmaking practice.

**L2PHO L2 Art Photography****20 credits****Yr: 12****Assessment:**

12 credits externally assessed and 8 credits internally assessed.

**Costs:**

\$70 course costs includes folio boards, colour photocopying, \$50 colour printing, specialist art materials.

Students should have access to a SLR digital camera. The art department can assist with the specification of suitable cameras.

**Prerequisites:**

Achieved or greater in the external folio board of Level 1 Art Design or Level 1 Art Painting or Head of Faculty approval.

**Learning Strategies:**

This course allows you to develop your own personal theme. These may centre around a strong personal interest. For example music, underwater photography, dance, fashion, sport, computer games, our place in society or an investigation into culture or the future.

Students will have the opportunity to learn to use cameras and Adobe Photoshop or Lightroom to enhance their final images.

**Main Areas of Study:**

This programme will get students to generate and develop ideas based on 3 assessed areas.

2.2 Using drawing methods to apply knowledge of conventions appropriate to photography.

2.3 Develop ideas in a related series of drawing appropriate to established photographic practice.

2.4 Produce a systematic body of work that shows understanding of art-making conventions and ideas within photography.

**L3PHO L3 Art Photography****22 credits****Yr: 13****Assessment:**

14 credits externally assessed and 8 credits internally assessed. **This is a university approved subject.**

**Costs:**

\$80 course costs include photo printing, folio boards, courier for folio boards to Wellington and specialist art materials.

**Prerequisites:**

Awarded Achieved or greater in the external folio board for either Level 2 Art Design, Level 2 Art Painting, Level 2 Photography or Head of Faculty approval. Students must have own quality digital camera. Please ask art staff for advice on cameras.

**Learning Strategies:**

This year's course requires you to develop your own personal theme and the nature of the theme can take a number of forms. Key concepts that can be explored may centre around a strong personal interest. Within this study, students will be introduced to a wide range of artists/photographers. Students will have the opportunity to learn Adobe Photoshop and Lightroom to enhance their images.

**Main Areas of Study:**

This programme will get students to generate and develop ideas based on 3 assessed areas:

3.2 Use drawing to demonstrate understanding of conventions appropriate to photography.

3.3 Systematically clarify ideas using drawing informed by established photography practice.

3.4 Produce a systematic body of work that integrates conventions and regenerates ideas within photography practice.

**L1DAN L1 Dance****20 Credits****Yr:11****Assessment:**

4 credits externally assessed, 16 credits internally assessed.

**Costs:**

Workshop and/or performance trip costs may be involved, but advanced warning will be given.

**Prerequisites:**

Nil

**Learning Strategies:**

In this course, students will be involved in a combination of choreography and performance assessments. They will learn how to create movement to communicate an intention and will experience a range of dance styles and genres. The external will allow students to demonstrate their in-depth understanding of one of the genres explored throughout the year. Students will work in small and large groups with a variety of their peers to complete the assessment tasks.

**Main Areas of Study:**

The aim of Level 1 Dance is to develop and demonstrate skills in selected dance genres and styles and explore the use of a variety of technologies.

**L2DAN L2 Dance****20 Credits****Yr:12****Assessment:**

4 credits externally assessed, 18 credits internally assessed.

**Costs:**

Workshop and/or performance trip costs may be involved, but advanced warning will be given.

**Prerequisites:**

Nil

**Learning Strategies:**

In this course, students will be involved in a combination of choreography and performance assessments. They will further their understanding of creating movement to communicate an intention and will experience a range of dance styles and genres, including an ethnic or social dance. They will be given the chance to perform on stage in front of an audience in order to be assessed in an authentic environment. The external will give students a chance to gain literacy credits and endorsement in this subject by demonstrating their in-depth understanding and interpretation of a dance performance viewed throughout the year. Students will work in small and large groups and individually to complete the assessment tasks.

**Main Areas of Study:**

In Level 2 Dance, students will extend their skills in the vocabulary, practices and technologies of a range of dance genres and styles. They will also investigate and evaluate the effect of social and cultural influences on selected dance genres.

**L3DAN L3 Dance****20 Credits****Yr:13****Assessment:**

18 credits internally assessed, 4 credits externally assessed. **This is a university approved subject.**

**Costs:**

Workshop and/or performance trip costs may be involved, but advanced warning will be given.

**Prerequisites:**

Nil

**Learning Strategies:**

In this course, students will deepen their understanding of dance techniques and choreographic principles. They will perform in the dance showcase in Term 3, in order to provide an authentic performance environment for assessment. Students will also produce a dance to realise a concept, demonstrating their understanding of the purpose and function of choreographic devices and performance technologies.

**Main Areas of Study:**

The internal assessments of this course are divided equally between choreography and performance while the external requires students to analyse a professional dance work.

**L1DRA L1 Drama****18-22 credits Yr:11****Assessment:**

4 credits externally assessed and 14-18 credits internally assessed.

**Costs:**

Students are expected to pay for theatre tickets to at least one performance in the year and attendance will be compulsory (approx. \$30 per performance). They will also be expected to provide materials for costumes and props if required.

**Prerequisites:**

Year 10 Drama course is preferred or by negotiation with the teacher in charge of drama.

**Learning Strategies:**

Students will explore elements, techniques and conventions of drama. They will be assessed on individual and group work through practical and written assessment. Assessment is largely based on practical work and in many cases, students can submit evidence of their learning, orally. They will also be given the opportunity to view and analyse live performances.

**Main Areas of Study:**

Students will develop practical knowledge in drama through use of elements and techniques. Main areas of study include: the use of drama techniques in scripted performance, exploring the features of Commedia dell'Arte (Italian comedy) and using these features in a performance and discussing how drama aspects are used in a live performance they have viewed.

**L2DRA L2 Drama****18-22 credits Yr:12****Assessment:**

4 credits externally assessed and 14-18 credits internally assessed.

**Costs:**

The students will be required to meet the cost of attending at least one professional theatre performance that includes ticket prices and transport costs (approx. \$30 per performance). Others may be offered or recommended. Students will also be expected to provide materials for costumes and props where appropriate.

**Prerequisites:**

Achieve 12 credits in Level 1 Drama (with at least 4 external credits) or by consultation with the teacher in charge of drama.

**Learning Strategies:**

Students will research, devise, perform, analyse and evaluate drama in a range of contexts. Assessment is largely based on practical work and in many cases, students can submit evidence of their learning, orally. They will view professional theatre performance and may be involved in working with professional theatre companies and personnel.

**Main Areas of Study:**

Developing an actors use of drama techniques through the performance of short scripts.

Performing a significant acting role in a scripted production.

Exploring the features of Epic Theatre and using these features in a performance.

Devising a drama that communicates a clear intention.

Discussing how drama aspects are used within live theatre.

**L3DRA L3 Drama****18-22 credits Yr:13****Assessment:**

4 credits externally assessed and 14-18 credits internally assessed. **This is a university approved subject.**

**Costs:**

Students will be expected to meet the cost of attending at least one professional theatre performance. Ticket prices and transport costs will be taken into account (approx \$30 per performance). They may also be required to provide materials for costumes or props where necessary.

**Prerequisites:**

Achieved 12 Level 2 Drama credits or by consultation with the teacher in charge of drama.

**Learning Strategies:**

Students will research, analyse, interpret, reflect and evaluate drama in a range of contexts. They will view professional theatre performance and may be involved in working with professional theatre companies and personnel. Assessment is largely based on practical work and in many cases, students can submit evidence of their learning, orally.

**Main Areas of Study:**

Developing an actors use of drama techniques through the performance of short scripts.

Performing a significant acting role in a scripted production.

Exploring the features of Elizabethan Theatre and using these features in a performance.

Devising a drama from a key concept.

Discussing how drama aspects are used within live theatre.

**L1MUS L1 Music****20 credits****Yr:11****Assessment:**

4 credits externally assessed and 16 credits internally assessed.

**Costs:**

Performance lessons are an essential part of the course and may incur costs. Student workbook \$20

**Prerequisites:**

Instrumental ability equivalent to two years of itinerant tuition or at the discretion of the HOD Music

**Learning Strategies:**

Individual and group performance skills developed in conjunction with private music tutors.

Score reading and composition skills developed using Sibelius Computer Programme

Solo and group performances will be held during the year with dates advised early in Term 1 and will be video recorded.

**Main Areas of Study:**

Students will develop performance, compositional and musical knowledge. Theory and score reading will be extensively developed to aid understanding and extension of the above.

**L2MUS L2 Music****20 credits****Yr:12****Assessment:**

4 credits externally assessed and 16 credits internally assessed.

**Costs:**

Performance lessons are an essential part of the course and may incur costs. Student workbook \$20

**Prerequisites:**

Instrumental ability equivalent to three years of itinerant tuition or at the discretion of the HOD Music.

Level 1 conventions or equivalent

**Learning Strategies:**

Individual and group performance skills developed in conjunction with private music tutors.

Score reading and composition skills.

Solo and group performances will be held during the year with dates advised early in Term 1 and will be video recorded.

**Main Areas of Study:**

Students will develop performance, compositional and musical knowledge. Theory and score reading will be extensively developed to aid understanding and extension of the above.

**L3MUS L3 Music****20 credits****Yr:13****Assessment:**

4 credits externally assessed and 16 credits internally assessed. **This is a university approved subject.**

**Costs:**

Performance lessons are an essential part of the course and may incur costs. Student workbook \$20 if doing external.

**Prerequisites:**

Instrumental ability equivalent to four years of itinerant tuition or at the discretion of the HOD Music.

**Learning Strategies:**

Individual and group performance skills developed in conjunction with private music tutors.

Harmonic and tonal convention skills.

Analysis of a set work.

Solo and group performances will be held during the year with dates advised early in Term 1 and will be video recorded.

Differentiated course tailored to the student

**Main Areas of Study:**

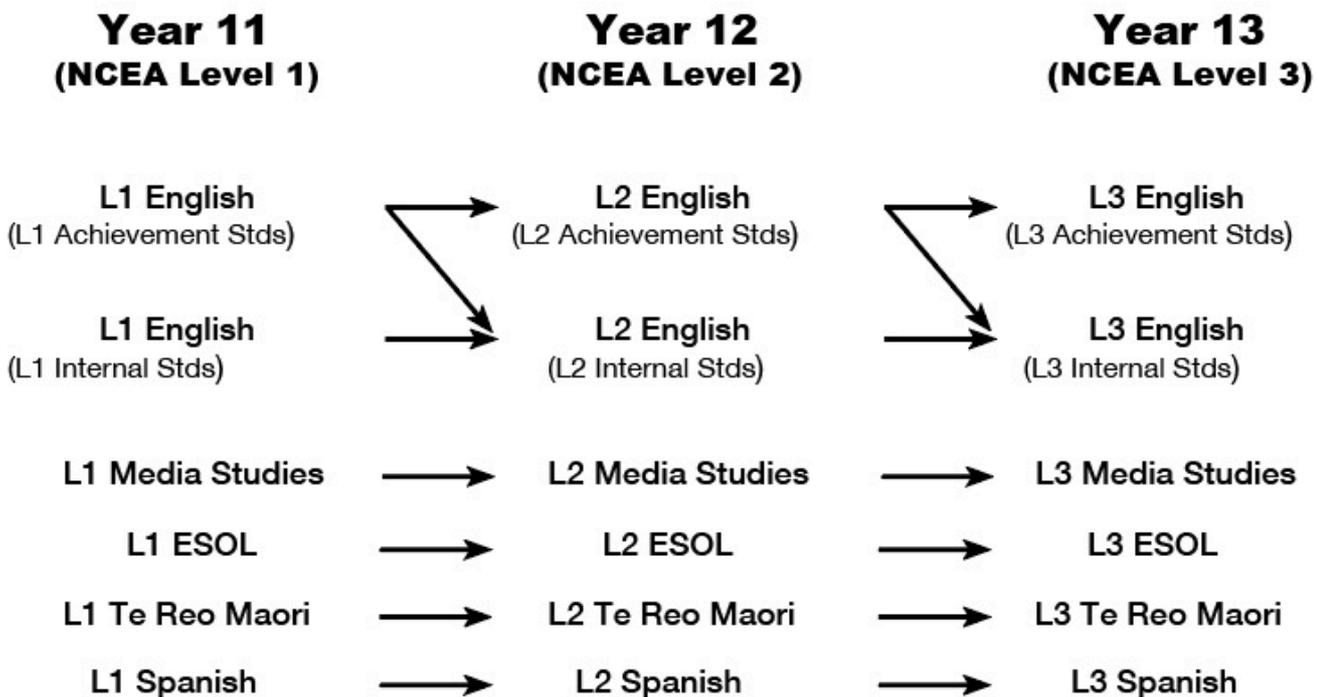
Students may choose to:

- Create compositions, using secure technical and musical skills and technologies to express imaginative thinking and personal understandings.
- an analysis of a set work
- Present performances of music, individually and collaboratively, demonstrating interpretative understandings
- Analyse significant expressive features and stylistic conventions and technologies in a range of music, using practical and theoretical knowledge.
- Perform two pieces on a second instrument (optional).

# Languages Faculty



Language development is essential to intellectual growth. It enables us to make sense of the world around us. The ability to use spoken and written language effectively is fundamental to learning and to effective participation in society and the workforce. English, English for Speakers of Other Languages, Media Studies and the languages, Maori and Spanish, both oral and written, are offered by the Languages Faculty. The pursuit of an alternative language provides personal, social, economic and cultural benefits.



**L1EN1 L1 English****18 credits****Yr:11****Assessment:**

8 credits externally assessed and 10 credits internally assessed. An optional further 6 credits are available.

**Costs:**

Nil.

**Prerequisites:**

All Year 11 students are required to take English and so will select this subject. There are 2 streams of L1 English, the external course and an internal course. Both courses offer internal and external standards. Students will be placed in the course that best meets their academic needs through consultation with the Head of Faculty.

**Learning Strategies:**

A full range of teaching and learning strategies will be used.

**Main Areas of Study:**

Literature: Novel, Short Stories, Poetry, Film.

Language: Close Reading of written and visual text.

Writing: Essay, report and response.

Production: Speech and/or Visual Text.

**L2EN1 L2 English****21 credits****Yr:12****Assessment:**

8 credits externally assessed and 10 credits internally assessed. An optional further 3 credits are available.

**Costs:**

Nil.

**Prerequisites:**

12 Level 1 English credits, with at least 4 credits from the external examination, or may gain entry with Head of Faculty approval. Entry to Auckland University requires 17 credits from Level 2 and/or Level 3 English.

**Learning Strategies:**

A full range of teaching and learning strategies will be used.

**Main Areas of Study:**

Literature: Novel, Short Stories, Poetry, Film.

Language Study: Close Reading of written text.

Writing: Formal and/or Creative.

**L2EN2 L2 English Internal****21 credits****Yr:12****Assessment:**

A combination of Level 2 Internal Achievement Standards and Unit Standards depending on individual student results and interests, with one optional external Achievement Standard. This course offers between 17 and 21 credits.

**Costs:**

Nil.

**Prerequisites:**

This course is designed for those students who would be unlikely to cope with the demands of a full Level 2 English course. Students will need to have attempted the film external in the Level 1 Internal course and will have the option of completing an external which is required for the L3 Internal course. Recommendation by Head of Faculty.

**Learning Strategies:**

A full range of teaching and learning strategies will be used.

**Main Areas of Study:**

The focus will be on reading and writing through a combination of Achievement Standards and Unit Standards, depending on student choice and ability. A majority of texts will be visual.

**L3EN1 L3 English External****18-21 Credits Yr:13****Assessment:**

8 credits externally assessed and 10 credits internally assessed. An optional further 3 internal credits are available. This is a **university approved subject**.

**Costs:**

Nil.

**Prerequisites:**

12 credits in Level 2 English, with at least 4 credits from the external examination or Head of Faculty approval.

**Learning Strategies:**

A full range of teaching and learning strategies will be used.

**Main Areas of Study:**

There will be a focus on developing critical thinking through exploration of visual, literary texts and some theory. In addition the course will include the study of language through the close reading of prose and poetry extracts.

**L3EN2 L3 English Internal****17 Credits Yr:13****Assessment:**

Internally assessed with one external Achievement Standard. **This is a university approved subject.**

**Costs:**

Nil.

**Prerequisites:**

12 credits in Level 2 English, with at least 4 credits from the external assessments or with Head of Faculty approval.

**Learning Strategies:**

A full range of teaching and learning strategies will be used.

**Main Areas of Study:**

This course will mainly focus on internally assessed standards with an emphasis on visual language and with a literary study of Film. Compulsory oral presentation.

**L1ESOL L1 ESOL****TBC****Yr:11****Assessment:**

All internally assessed NCEA EL standards.

**Costs:**

Nil.

**Prerequisites:**

By arrangement with teacher in charge of ESOL.

**Learning Strategies:**

A range of interactive and communicative strategies designed to improve performance in all skills areas.

**Main Areas of Study:**

Reading, writing, speaking, listening and vocabulary.

**L2ESOL L2 ESOL****TBC****Yr:12****Assessment:**

All internally assessed NCEA EL standards.

**Costs:**

Nil.

**Prerequisites:**

By arrangement with teacher in charge of ESOL.

**Learning Strategies:**

A range of interactive and communicative strategies designed to improve performance in all skills areas.

**Main Areas of Study:**

Reading, writing, speaking, listening and academic vocabulary.

**L3ESOL L3 ESOL****TBC****Yr:13****Assessment:**

All internally assessed NCEA EL standards.

**Costs:**

Nil.

**Prerequisites:**

By arrangement with teacher in charge of ESOL.

**Learning Strategies:**

A range of interactive and communicative strategies designed to improve performance in all skills areas.

**Main Areas of Study:**

Reading, writing, speaking, listening and academic vocabulary.

**L1MED L1 Media Studies****19 Credits****Yr:11****Assessment:**

4 external credits and 15 internal credits.

**Costs:**

Nil

**Prerequisites:**

An interest in the media and its connections to society.

**Learning Strategies:**

A full range of teaching and learning strategies will be used.

**Main Areas of Study:**

Students will write a short film script; design, plan and produce a music video or short film and lastly, we will investigate a film genre.

**L2MED L2 Media Studies****20 credits****Yr:12****Assessment:**

4 credits externally assessed and 16 credits internally assessed.

**Costs:**

Nil.

**Prerequisites:**

12 Level 1 English credits including one external standard or Head of Faculty approval.

**Learning Strategies:**

A full range of teaching and learning strategies will be used.

**Main Areas of Study:**

This course will cover practical elements such as scriptwriting and film production as well as some theoretical work, with students learning to critically analyse the media and its role in our society today.

**L3MED L3 Media Studies****20 credits****Yr:13****Assessment:**

4 credits externally assessed, 16 credits internally assessed.

**Costs:**

Nil

**Prerequisites:**

12 Level 2 Media Studies credits including one external standard or 12 Level 2 English credits including one external standard or Head of Faculty approval.

**Learning Strategies:**

A full range of teaching and learning strategies will be used.

**Main Areas of Study:**

This course is a combination of practical tasks which include scriptwriting and film making and theoretical work where we look at the relationship between media and society. This course is recommended for any student who has an interest in the media and society.

**L1MAO L1 Te Reo Maori****18 credits****Yr:11****Assessment:**

6 credits externally assessed and 12 credits internally assessed.

**Costs:**

Nil.

**Prerequisites:**

Year 10 Maori or by teacher in charge approval.

**Learning Strategies:**

Students will have hands-on experience on the Marae and in the classroom.

**Main Areas of Study:**

Students will develop language skills in reading, writing, speaking and listening to Te Reo Maori. The learning of cultural customs, waiata and haka will be an integral part of the course.

**L2MAO L2 Te Reo Maori****18 credits****Yr:12****Assessment:**

6 credits externally assessed and 12 credits internally assessed.

**Costs:**

Nil.

**Prerequisites:**

Level One Maori or by teacher in charge approval.

**Learning Strategies:**

Students will be expected to be proactively involved in the course by using knowledge and skills interactively in and outside the classroom environment. A range of learning resources and activities will be used.

**Main Areas of Study:**

The ongoing development of skills in the area of reading, listening, speaking and writing. The study of cultural aspects such as customs, arts and waiata will be an integral part of the course.

**L3MAO L3 Te Reo Maori****22 credits****Yr:13****Assessment:**

12 credits externally assessed and 10 credits internally assessed. **This is a university approved subject.**

**Costs:**

Nil.

**Prerequisites:**

Level Two Maori or by teacher in charge approval.

**Learning Strategies:**

Students will be expected to be proactively involved in the course by using knowledge and skills interactively in and outside the classroom environment. A range of learning resources and activities will be used.

**Main Areas of Study:**

Te Reo me nga Tikanga Maori. The ongoing development of skills in the area of reading, listening, speaking and writing. The study of cultural aspects such as customs, arts and waiata will be an integral part of the course.

**L1SPA L1 Spanish****19 credits****Yr:11****Assessment:**

5 credits externally assessed and 14 credits internally assessed.

**Costs:**

\$20 for Language Perfect subscription

**Prerequisites:**

Students have achieved Year 10 Spanish or by approval of teacher in charge of Spanish.

**Learning Strategies:**

A range of strategies will be used to encourage students to interact and communicate personal information, ideas and opinions beyond the immediate context.

**Main Areas of Study:**

Students will have the opportunity to engage in a spoken presentation, to learn to understand written texts and to submit writing and speaking portfolios in Spanish.

**L2SPA L2 Spanish****19 credits****Yr:12****Assessment:**

5 credits externally assessed and 14 credits internally assessed.

**Costs:**

\$20 for a Language Perfect subscription

**Prerequisites:**

Students must have achieved both Level 1 internal standards and one external standard or by approval of teacher in charge of Spanish.

**Learning Strategies:**

A range of strategies will be used to allow students to use language variably and effectively to express and justify their own ideas and opinions and support or challenge those of others.

**Main Areas of Study:**

Students will have the opportunity to engage in a spoken presentation, to learn to understand written texts and to submit writing and speaking portfolios in Spanish.

**L3SPA L3 Spanish****19 credits****Yr:13****Assessment:**

5 credits externally assessed and 14 credits internally assessed.

**This is a university approved subject.**

**Costs:**

\$20 for Language Perfect subscription

**Prerequisites:**

Students must have achieved both Level 2 internal standards and one external standard or by approval of teacher in charge of Spanish.

**Learning Strategies:**

A range of strategies will be used to allow students to use language variably and effectively to express and justify their own ideas and opinions, and support or challenge those of others.

**Main Areas of Study:**

Students will have the opportunity to engage in a spoken presentation, to learn to understand spoken and written texts and to submit a writing portfolio in Spanish focusing on different writing genre.

# Health and Physical Education Faculty



Health is a state of well being, and in the context of this faculty, it encompasses physical, mental and social health. These courses provide opportunities to develop a broader understanding of, and acquire, physical and life skills. They will help people make informed decisions about health, recreation and sporting options and possible careers.

## Health & Physical Education Pathways



**L1PE1 L1 Physical Education****20 credits****Yr:11****Assessment:**

Achievement standard course. 20 Credits all internally assessed.

**Costs:**

\$100 This includes a Tawharanui trip for surfing and a trip to Snow Planet.

**Prerequisites:**

A high level of participation and effort in Year 10 Physical Education, along with an ability to write well or by negotiation with Head of Faculty.

**Learning Strategies:**

Theoretical knowledge is learned and then applied in a practical environment.

**Main Areas of Study:**

The year starts with demonstrating responsible behaviours in the outdoors through surfing. Students participate in a variety of sporting activities throughout the year and reflect on the use of interpersonal skills. You will learn about anatomy, physiology and biomechanics in a sport of your choice and also look at different factors that create effective teamwork, leadership and coaching. All five assessments are internally assessed, meaning no exams.

**L1PE2 L1 Physical Education Internal****18 credits****Yr:11****Assessment:**

A combination of Achievement Standards and Unit Standards, all internally assessed. This is not a university entrance pathway.

**Costs:**

\$0

**Prerequisites:**

A high level of participation and effort in Year 10 Physical Education or by negotiation with Head of Faculty. A positive attitude towards participation in practical activities is essential.

**Learning Strategies:**

Active participation in a course that has a high practical element along with written aspects for most standards. Being able to work well in group situations. This course leads on to Level 2 PE2.

**Main Areas of Study:**

Participate in different team sports, goal setting, developing personal wellness, physical performance, skills and fitness and group work. Throughout the year students will have a focus on practical participation and developing interpersonal skills.

**L2PE1 L2 Physical Education****20 credits****Yr:12****Assessment:**

Achievement standard course. 20 credits all internally assessed.

**Costs:**

Compulsory camp cost estimated at \$80.

**Prerequisites:**

Attained 14 credits from Level 1 Physical Education or by negotiation with Head of Faculty.

**Learning Strategies:**

A full range of teaching and learning strategies will be used.

**Main Areas of Study:**

We start the year looking at leadership skills, ending with a three day camp where these aspects are assessed in a practical, applied situation. In term two the emphasis is on how our body works, including how to physically train to complete a four week personal training programme and the changes we would expect to see. Term three, we learn about motor skills and psychology in order to complete a skill training programme. Assessment includes reflections on the programmes undertaken. We finish off the year doing a practical performance where students get assessed in a sport of their choice. There is also the possibility of completing a safety programme concentrating on abseiling which will be applied at the Year 8 camp. A high level of social responsibility is expected throughout the year, by all students.

**L2PE2 L2 Physical Education Internal****16 credits****Yr:12****Assessment:**

2 Achievement Standards all internally assessed. Remainder are unit standards. This is not a university pathway.

**Costs:**

\$50 for first aid course and various off site sporting activities.

**Prerequisites:**

An interest in Physical Education or by negotiation with Head of Faculty.

**Learning Strategies:**

A full range of teaching and learning strategies will be used.

**Main Areas of Study:**

Individual sport knowledge and development, first aid, practical performance achievement standard, social responsibility and team work.

**L3ODE L3 Outdoor Education****19 Credits****Yr:13****Assessment:**

A combination of both achievement standards and unit standards. Assessment is through both practical and theory.

**This is not a university approved subject.**

**Costs:**

\$300 which includes Tawharanui surfing trip, tough guy tough girl and tramping. Other optional trips may include military arts, snowplanet and wero white water rafting. Some of the costs of these trips may be subsidised through STAR funding. Payment for trips need to be made prior to the trip commencing.

**Prerequisites:**

An interest in outdoor activity and physical exercise.

**Learning Strategies:**

A variety of outdoor activities, group activities, classroom theory, unit tests and self reflection.

**Main Areas of Study:**

An exciting course that will allow students to get out of the classroom on many opportunities and into the outdoors. Written work is around the planning, preparation and reflection on the process of trips. This course is delivered through a variety of classroom and practical based sessions. Practical sessions cover a wide variety of sports.

**L3PE1 L3 Physical Education****18 - 22 credits Yr:13****Assessment:**

Achievement standard course. Internally assessed. **This is a university approved subject. Scholarship PE is an option.**

**Costs:**

\$250 Trips are run alongside level 3 outdoor education. Trips will include an overnight camp at Tawharanui surfing trip, 'tough guy, tough girl' mud run challenge, military arts camp or snowplanet and the golf driving range. Other optional trips may include military arts or snowplanet and wero white water rafting.

**Prerequisites:**

Achieved a minimum of 12 Merit credits in Level 2 Physical Education and a high level of literacy ability or by negotiation with the Head of Faculty.

**Learning Strategies:**

A full range of teaching and learning strategies will be used.

**Main Areas of Study:**

This is an academic course that comprehensively prepares students for tertiary study. Achievement standards assessed include:

Practical performance in a sport of your choice.

Leadership: Applying and evaluation leadership principles.

Analyse issues in safety management (surfing camp and/or Snow Planet/military arts).

Examine your personal physical activity experiences and devise strategies for life long participation.

Explore the issues in sport and recreation that impact on New Zealand's society.

Analyse the biomechanics of the golf swing.

**L1HEA L1 Health****20 Credits****Yr:11****Assessment:**

Achievement Standards - one standard is external and four are internal standards.

**Costs:**

\$0

**Prerequisites:**

A high level of participation and effort in Year 10 Physical Education and Health or by negotiation with Head of Faculty.

**Learning Strategies:**

Guest speakers, self reflection, goal setting, group activities, class discussions, learning the underlying health concepts of hauora well-being, health promotion, attitudes and values and socio-ecological perspectives.

**Main Areas of Study:**

Main topics: taking actions to enhance an aspect of your personal well-being; making health enhancing decisions in drug related situations; exploring strategies to support well-being through change, loss and grief; creating a teen magazine to promote positive sexuality and demonstrate interpersonal skills in group situations. You will work closely with North Harbour Sport.

**L2HEA L2 Health****20 Credits****Yr:12****Assessment:**

Achievement Standards - one standard is external (5 credits) and three standards are internal (15 Credits).

**Costs:**

Nil

**Prerequisites:**

A minimum of 12 credits in Level 1 Health or by negotiation with the Head of Faculty. If Health has not been taken at Level 1 then it is expected that students have achieved 12 credits in a literacy based subject.

**Learning Strategies:**

Guest speakers, class discussions, researching, group activities, self reflection and problem solving. Understanding the underlying health concepts of hauora well-being, attitudes and values, socio-ecological perspectives and health promotion.

**Main Areas of Study:**

Main topics include: enhancing a group of people's well-being within school or in the wider community (e.g; improving social well-being at the retirement village or physical well-being through lunchtime sport), identify issues related to sexuality and gender through music videos, explore adolescent health issues and interview a resilient role model to learn about the protective and risk factors when facing change or loss in life. Students are encouraged to follow areas of personal interest when selecting their topics.

**L3HEA L3 Health****19 Credits****Yr:13****Assessment:**

Achievement Standards - three internals (14 credits) and one external standard (5 credits) **This is a university approved subject.**

**Costs:**

Nil

**Prerequisites:**

A minimum of 12 credits in Level 2 Health or by negotiation with the Head of Faculty. Competent literacy ability.

**Learning Strategies:**

Research, report writing, guest speakers, self reflection, understanding the underlying health concepts of hauora (well-being), attitudes and values, socio-ecological perspectives and health promotion.

**Main Areas of Study:**

Level 3 Health is an academic subject that examines health related practices and issues both within New Zealand and overseas. The first internal involves analysing a New Zealand health issue (alcohol, drugs, mental health). The next internal involves an investigation of a health practice (cancer treatment, birth pain management, depression treatment). In the final internal, students will examine an ethical issue (marijuana, abortion, euthanasia). There is student choice on each internal assessment topic. The external exam analyses an international health issue (e.g. poverty-sexual health, life expectancy and illness).

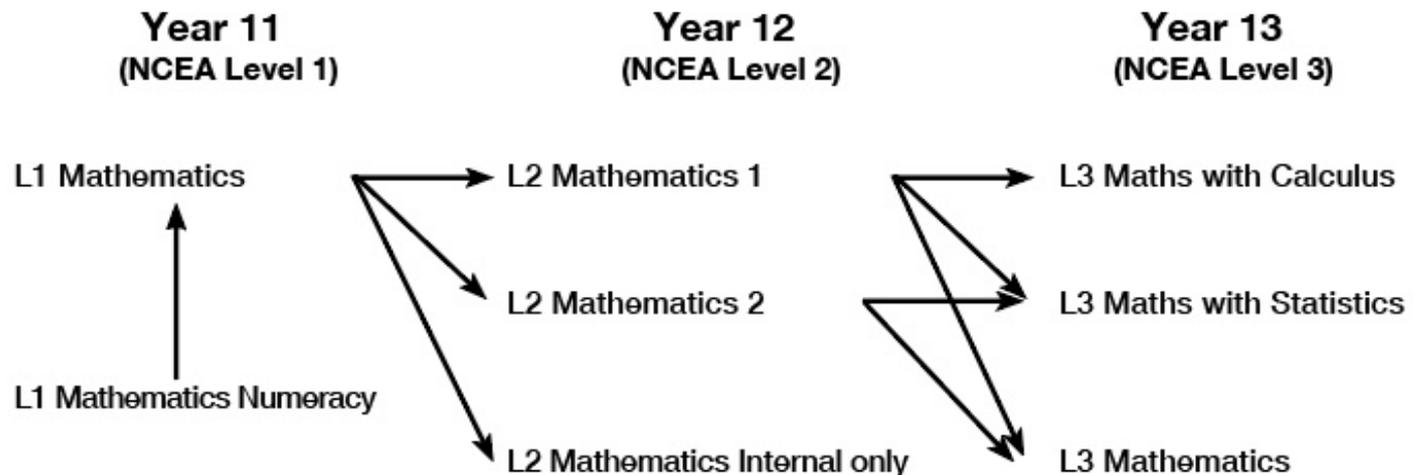
# Mathematics Faculty



Mathematics at secondary school will provide skills, understanding and confidence to use mathematics in everyday life. Students will develop a variety of approaches to problem solving, learn about patterns and relationships, interpret information and statistics and communicate ideas using correct language.

## Mathematics Pathways

Some courses will prepare students for a continuing study of mathematics, and all courses should provide pupils with the skills and concepts to take a responsible role in our society. In all courses, an appropriate range of mathematics techniques will be used to assist learning.



Mathematics teachers will discuss choices with students to help them reach the right decisions.

Note: Students studying ANY course in Year 11, 12 & 13 can earn credits towards their National Certificate of Educational Achievement.

**Assessment:**

4-12 credits externally assessed and 8-17 credits internally assessed, dependent upon the pathway agreed upon.

**Costs:**

Approximately \$20 for work books. A scientific calculator is essential for all students. For students who will go on to take mathematics in Year 12 and Year 13, a Casio fx 9750 (or fx 9650) graphics calculator is recommended.

**Prerequisites:**

All Year 11 students are required to take mathematics and will select this subject.

There are 3 courses of Level 1 Mathematics. Students will be placed in the course that best meets their academic needs through consultation with their Year 10 class teacher and the Head of Faculty. The course that they are placed in will determine their options in Y12 and Y13 if they continue to study mathematics. A copy of our presentation to students explaining this pathway will be made available on the student's google classroom.

**Learning Strategies:**

Students will learn through a variety of different learning strategies that include:

Investigations and discovery learning, group work, directed teaching, practice tasks, regular formative and summative assessment.

**Main Areas of Study:**

The core areas of study are: number, algebra, geometry, probability and statistics.

The L1MA1 (extension) course is specifically designed for students who will take mathematics at all levels in Year 12 and 13. As well as covering specifically chosen Level 1 standards, it will begin to look at some of the algebraic understanding needed at Level 2. Approximately 8 credits from external assessments and 10 credits from internal assessments.

The L1MA2 (mainstream) course also leads into two courses at Year 12 and 13. Please note this course will not lead into L3 Calculus. This course is designed to thoroughly cover a broad range of topics at Level 1 with a balance between internal and external credits on offer. Approximately 4 credits from external assessments and 14 credits from internal assessments.

The L1MA3 (internal) course has a pathway into L2MA3 in Year 12. To access this course students MUST sit and pass the external assessment 'Chance and Data'. This course is mainly made up of internally assessed standards. Approximately 18 credits from internal assessments and 4 optional credits from the external assessment.

**L2MA1 L2 Mathematics 1****18 credits****Yr:12****Assessment:**

9 external credits and 9 internal credits offered

**Costs:**

Approximately \$25 for workbooks. A scientific calculator is essential for all students. For students who will go on to take mathematics in Year 13 a Casio fx 9750 (or fx 9650) graphics calculator is recommended.

**Prerequisites:**

Students who have historically been successful on this course have come to us with a minimum of 14 course credits at Level 1 with merit or higher for the school algebra paper AND merit for 'Tables Equations and Graphs' or 'Geometric Reasoning'. These students have a 'can do' attitude which is shown by them attempting all external examinations that they are entered for at Level 1. Students who do not meet these criteria may be considered under discussion with the Head of Faculty.

**Learning Strategies:**

Students will learn through utilisation of a range of different learning strategies that include: investigations and discovery learning, group work, directed teaching, practice tasks, regular formative and summative assessment. Students in this course must commit to completing regular homework tasks.

**Main Areas of Study:**

This course is designed to lead into ALL courses at Level 3: Level 3 Calculus, Level 3 Mathematics and Level 3 Statistics. As such there will be a broad range of topics on offer ranging from probability and statistics to algebra and calculus. Because such a broad range of topics is on offer, students must be comfortable to quickly learn and perfect new concepts.

**L2MA2 L2 Mathematics 2****17 credits****Yr:12****Assessment:**

4 credits externally assessed and 13 credits internally assessed.

**Costs:**

Approximately \$35 for workbooks. A Casio fx9570 (or fx 9560) graphics calculator is recommended.

**Prerequisites:**

Students who have historically been successful on this course have come to us with a minimum of 14 course credits at Level 1 with merit or higher for the 'Chance and Data' paper. These students have a 'can do' attitude which is shown by them attempting all external examinations that they are entered for at Level 1. Students who do not meet these criteria may be considered under discussion with the Head of Faculty.

**Learning Strategies:**

Students will learn through utilisation of a range of different learning strategies that include: investigations and discovery learning, group work, directed teaching, practice tasks, regular formative and summative assessment.

**Main Areas of Study:**

This course will lead into Level 3 Mathematics and Level 3 Statistics and so will cover a range of topics from trigonometry to experiments. The external examination is in 'Probability' - having a graphics calculator will be a significant advantage for students in this examination.

**L2MA3 L2 Mathematics Internal Only****17 credits****Yr:12****Assessment:**

Approximately 17 credits. This course is an internal only course and is not eligible for a subject endorsement.

**Costs:**

Approximately \$20 for workbooks. A Scientific Calculator is essential.

**Prerequisites:**

A minimum of 12 achieved credits in Level 1 mathematics and achieved or higher in the probability Level 1 external. Students who do not meet these requirements may be considered under discussion with the Head of Faculty.

**Learning Strategies:**

Students will conduct a range of projects and portfolios to document their learning. They will learn through the utilisation of a range of different learning strategies that include: investigations and discovery learning, group work, directed teaching, practice tasks, regular formative and summative assessment.

**Main Areas of Study:**

This course will cover achievement standards at Level 2 at a slightly slower pace than the L2MA2 class. The material covered, where possible will be slightly more practical and may involve extension into cross curricular tasks. Students will be challenged by this course and will see many areas of mathematics that they have not experienced before. There is a potential for students in this course to progress into Level 3 Statistics or Level 3 Mathematics under recommendation from the Head of Faculty.

**L3MAC L3 Mathematics with Calculus****21 credits****Yr:13****Assessment:**

17 credits externally assessed and 4 credits internally assessed. **This is a university approved subject.**

**Costs:**

Approximately \$25 for workbooks. A Casio fx 9570 (or fx 9560) graphical calculator is recommended. A scientific calculator is essential if no graphical calculator has been purchased.

**Prerequisites:**

Students who have historically been successful on this course have come to us with a minimum of 14 course credits at Level 2 with merit or higher for Level 2 'Algebra' and 'Calculus' and one of 'Trigonometry' or 'Systems of Equations.' These students have a 'can do' attitude which is shown by them attempting all external examinations that they are entered for at Level 2. Students who do not meet these criteria **will not** be considered for this course.

**Learning Strategies:**

Students will learn through the utilisation of a range of different learning strategies that include: investigations and discovery learning, group work, directed teaching, practice tasks, regular formative and summative assessment. Students of this course must commit to completing regular homework.

**Main Areas of Study:**

Students will cover a range of calculus, algebra and trigonometry to prepare them for further study at university level.

**L3MAS L3 Mathematics with Statistics****20 credits****Yr:13****Assessment:**

8 credits externally assessed and 12 credits internally assessed. **This is a university approved subject.**

**Costs:**

Approximately \$35 for workbook. A Casio Fx 9570 (or fx 9560) graphics calculator is beneficial and a BYOD laptop is essential.

**Prerequisites:**

Students who have historically been successful on this course have come to us with a minimum of 14 course credits at Level 2 with merit or higher in the Level 2 external probability paper and merit for 'Inference'. Students who do not meet these criteria may be considered under discussion with the Head of Faculty.

**Learning Strategies:**

The main theme in this course is producing and interpreting statistical reports and involves a good deal of online research and fact finding. Students will run experiments as a group and will also be expected to present their findings verbally as well as through extended essays. Students in this course will learn how to use technology to number crunch, leaving them free to delve more deeply into the story that the data tells.

**Main Areas of Study:**

Students will cover a range of statistics and probability methods to prepare them for further study at university level. All of the internal assessments require students to prepare a statistical report and so essay writing skills are also important for success in this course.

**L3MAT L3 Mathematics****18-21 Credits Yr:13****Assessment:**

Approximately 18 credits. This course is an internal only course and is not eligible for a subject endorsement.

**This is a university approved course.**

**Costs:**

Approximately \$30 for workbooks. A Casio fx 9570 (or fx 9560) graphical calculator is recommended. A scientific calculator is essential if no graphical calculator has been purchased BYOD - Laptop recommended.

**Prerequisites:**

Students who have historically been successful on this course have come to us with a minimum of 14 course credits at Level 2 with achieved or higher in any of the Level 2 external papers. These students have a 'can do' attitude which is shown by them attempting all external examinations that they are entered for at Level 2. Students who do not meet these criteria may be considered under discussion with the Head of Faculty.

**Learning Strategies:**

Students will learn through the utilisation of a range of different learning strategies that include: investigations and discovery learning, group work, directed teaching, practice tasks, regular formative and summative assessment.

**Main Areas of Study:**

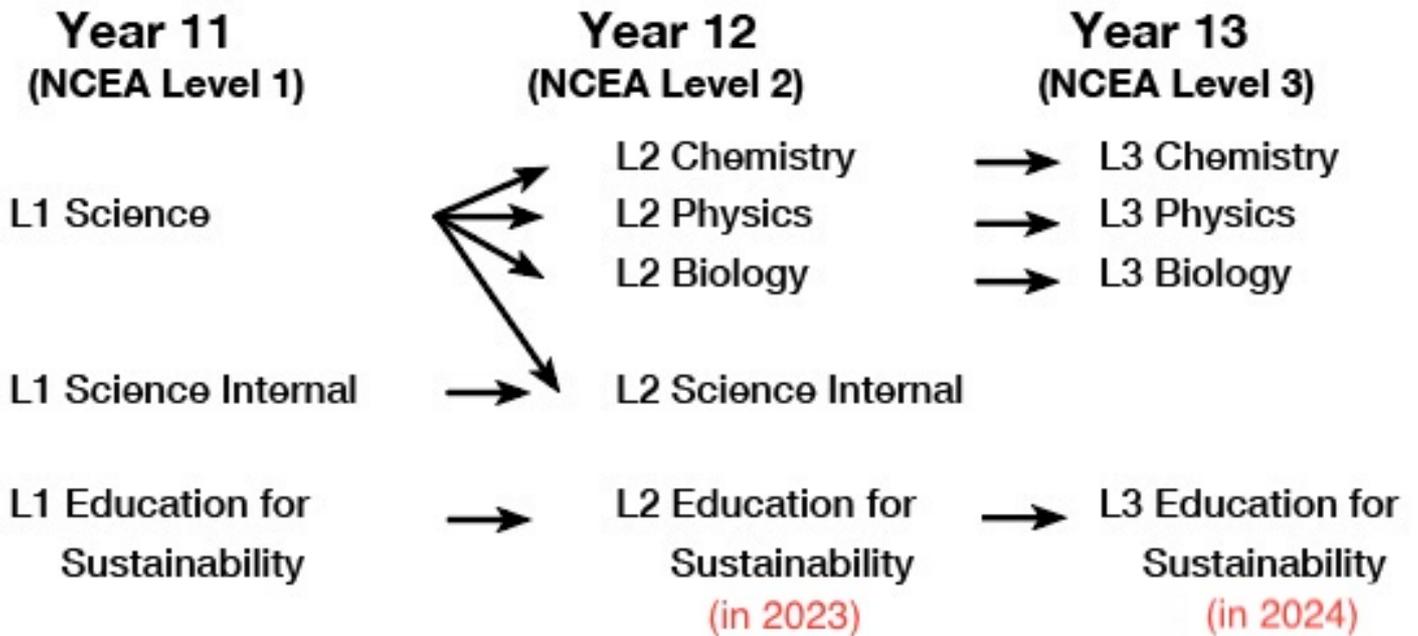
Students will cover a range of mathematics that will support further study at university level. This course may include an optional external assessment at the discretion of the teacher. Students will be offered a range of different mathematical areas of study from algebraic manipulation of trigonometric graphs and conic sections, to critical path analysis, as well as statistical report writing.

# Science Faculty



Science involves people investigating the living, physical, material and technological components of their environment. Learning in Science is fundamental to understanding the world that we live and work in. It helps people to clarify ideas, to ask questions, to test explanations through measurement and observations, and to use their findings to establish the worth of an idea. Science makes an important contribution to the decisions, which are shaping our world and the world of future generations.

## Science Pathways



**L1EFS L1 Education for Sustainability****19 Credits****Yr: 11****Assessment:**

4 internal (science, social studies, English) 1 external (social studies)

**Costs:**

Project supplies \$20

Field trips \$20

Costs could change based on project

**Prerequisites:**

Students will have taken 'Education for Sustainability' as a Tech class in Year 10 or indicate an interest in sustainability and working on action projects. Students must have the skills to work co-operatively and independently. Students need to be able to listen respectfully to the opinions of others and to clearly communicate their opinions both verbally and in written form. Students must have demonstrated they are responsible with minimum supervision in and out of the classroom.

**Learning Strategies:**

Students will develop skills to create, organise and implement sustainability related projects. Work will take place in cooperative groups and require students to work effectively with others. Communication skills will be a focus, including being able to articulate and defend their opinions based on facts and details. Students will develop skills to create, organise and implement sustainability related projects. Work will take place in cooperative groups and require students to work effectively with others with on an independent basis. Their will take place in and out of the classroom including direct hands-on work.

**Main Areas of Study:**

Students' learning will involve investigating the concepts of sustainability and its four components of social, cultural, environmental and economic. Students will work together on group projects. Ethics and decision-making will also be explored.

**L1SC1 L1 Science****20 Credits****Yr: 11****Assessment:**

Credits can be gained internally or externally depending on the science pathway you are placed in.

**Costs:**

\$10 for a student booklet

**Prerequisites:**

All Year 11 students taking Science need to select this subject. There are several streams of Level1 Science: a full course that includes both internals and external, and an internal-only course. Students will be placed in the course that best meets their academic needs through consultation with the Head of Faculty, their previous teachers and the Academic Dean.

**Learning Strategies:**

Field trip, research, investigations and problem solving. This course is designed for students who intend to study Levels 2 and 3 Physics, Biology or Chemistry.

**Main Areas of Study:**

**There are two science courses at Level 1 -**

**Science** will consist of one external standard in each of Physics and Biology. There will also be three internal standards will involve planning and carrying out a practical investigation in biology and physics and investigating chemical reactions.

**Nature of Science** will begin our studies with Earth Science and a field trip to a local geological land form. Then you will study a selection of topics from: carry out a practical investigation into Metals; Micro-organisms; effects of exercise; physics; and other appropriate standards.

**L1SC2 L1 Nature of Science****20 credits****Yr: 11****Assessment:**

All internally assessed. This is not a university entrance pathway course.

**Costs:**

Nil

**Prerequisites:**

Graduation from Year 10 or Head of Faculty approval.

NOTE: This subject does not allow students to progress on to Level 2 Chemistry, Physics or Biology. There is a Level 2 Science course which this could lead into.

**Learning Strategies:**

All of the standards are achievement standards and this course would be appropriate for students wishing to study science in order to progress onto an apprenticeship or occupational training. If you are planning to go to university to study science or health professions, this is not an appropriate subject.

**Main Areas of Study:**

We will begin our studies with Earth Science and a field trip to a local geological land form. Then we will study a selection of topics from: carrying out a practical investigation into metals, micro-organisms, effects of exercise, physics and other appropriate standards.

**L2BIO L2 Biology****19 credits****Yr:12****Assessment:**

8 credits externally assessed and up to 11 credits internally assessed.

**Costs:**

\$20 'Education Perfect' (if taking more than one science, there is only one charge)

**Prerequisites:**

12 credits in Level 1 Science, including 4 credits in the genetics standard and 4 credits from the 'Heartbeat Investigation' or Head of Faculty approval.

**Learning Strategies:**

Practical investigations, research, thinking, and note-taking. This course is designed for students planning to carry on to Level 3 biology and tertiary study.

**Main Areas of Study:**

Genes and variation, evolution, cell processes, a current biological issue, carrying out an investigation and research into circulation in humans and another animal.

**L2SC2 L2 Science****20 Credits****Yr:12****Assessment:**

All internally assessed. **Students studying this course are unable to proceed to a Level 3 Science subject.**

**Costs:**

\$10 - booklet costs

**Prerequisites:**

To have previously gained some success in a Level 1 Science course and received the approval of the Head of Faculty.

**Learning Strategies:**

Students will learn to work independently on gathering, analysing and presenting data. This course is suitable for students who wish to gain credits in science at Level 2 but do not intend to proceed on to higher science studies.

**Main Areas of Study:**

Standards will come from all areas of science and are likely to include an animal investigation, a chemistry investigation, physics investigation, an aspect of earth science, and sustainability.

**L3BIO L3 Biology****19 credits****Yr:13****Assessment:**

8 credits externally assessed and up to 14 credits internally assessed. **This is a university approved subject.**

**Costs:**

\$20 Education perfect (if taking more than one science, there is only one charge)

**Prerequisites:**

12 credits in Level 2 Biology including at least 4 external credits at merit level or Head of Faculty approval.

**Learning Strategies:**

Practical investigations, research, thinking, note-taking and essay writing. This is an academic course for students who intend to continue on to a tertiary area of study.

**Main Areas of Study:**

Evolution, human evolution, investigating plants, homeostasis and research into a new biotechnology. Students also have the opportunity to do an additional internal standard on a current biological issue.

**L2CHE L2 Chemistry****19 credits****Yr:12****Assessment:**

9 credits externally assessed and up to 10 credits internally assessed.

**Costs:**

\$20 'Education Perfect' (if taking more than one science, there is only one charge)  
A scientific calculator is essential.

**Prerequisites:**

12 credits in Level 1 Science, including 4 credits at merit level in the 'Chemical Reactions' standard or Head of Faculty approval.

**Learning Strategies:**

Practical investigations, problem-solving and group work.

**Main Areas of Study:**

Chemistry is the study of different materials. We focus on macro, micro and symbolic views of matter to try and explain reactions and properties of different chemicals. The two external examinations focus on the key areas of chemistry: organic, structure, bonding, properties and energy. The internal standards include titrations and quantitative calculations, testing ions in solution and redox reactions.

**L2PHY L2 Physics****22 credits****Yr:12****Assessment:**

16 credits externally assessed at the end of the year and 6 credits internally assessed during the year.

**Costs:**

\$20 'Education Perfect' (if taking more than one science, there is only one charge).  
A scientific calculator is essential.

**Prerequisites:**

4 credits at merit level in the Level 1 'Mechanics' externally assessed standard or Head of Faculty approval.

**Learning Strategies:**

Interpretation of recorded data, practical investigations, research, homework, note-taking, problem-solving, and tests.

**Main Areas of Study:**

Collect and analyse experimental data.  
Key physics topics: light, mechanics, atoms and radioactivity, DC electricity and electromagnetism.  
'Integrated Nature of Physics' - solving tasks and problems, more than one content area is involved.

**L3CHE L3 Chemistry****20 credits****Yr:13****Assessment:**

10 credits externally assessed and 10 credits internally assessed. **This is a university approved subject.**

**Costs:**

\$20 'Education Perfect' (if taking more than one science, there is only one charge)  
A scientific calculator is essential.

**Prerequisites:**

Pass 3 out of 5 Level 2 Chemistry standards, including an external or Head of Faculty approval.

**Learning Strategies:**

Independent practical investigations, problem solving, and group work.

**Main Areas of Study:**

Chemistry is the study of different material. We focus on macro, micro and symbolic views of matter to try and explain reactions and properties of different chemicals. The two external examinations focus on the key areas of chemistry: organic, thermochemical principles and the properties of particles. The internal standards will focus on titrations, redox processes and spectroscopy.

**L3PHY L3 Physics****19 credits****Yr:13****Assessment:**

16 credits externally assessed at the end of the year and 3 credits internally assessed during the year. **This is a university approved subject.**

**Costs:**

\$20 'Education Perfect' (if taking more than one science, there is only one charge).  
A scientific calculator is essential.

**Prerequisites:**

12 credits in Level 2 Physics. Minimum of 10 external credits or Head of Faculty approval.

**Learning Strategies:**

Where possible, experimental investigations will lead to an operational understanding of basic physical concepts, principles and models. This leads to problem solving and applications. The course requires students to complete a significant amount of homework and guided study.

**Main Areas of Study:**

Collect and analyse experimental data. Key physics topics: mechanics, electricity, electromagnetism, light and waves and nuclear physics. Students also have the opportunity to complete an additional internal standard on the applications of physics in a selected context.

## Social Sciences Faculty



The Social Sciences foster an understanding of our world - the world of people, their activities and their interactions with the environment. Students will be challenged to think creatively about current issues and future changes. They will develop skills that will enable them to take their place in society as confident, informed and active participants.

## Social Sciences Pathways

**L1 Business Studies**



**L2 Business Studies**



**L3 Business Studies**

**L1 Innovation and  
Entrepreneurship**

*(L1 Unit Standards)*



**L2 Innovation and  
Entrepreneurship**

*(L2 Unit Standards)*

**L1 Geography**



**L2 Geography**



**L3 Geography**

**L1 History**



**L2 History**



**L3 History  
L3 Classical Studies**

**L2 Tourism**

*(L2 Unit Standards)*



**L3 Tourism**

*(L3 Unit Standards)*

**L1BUS L1 Business Studies****18 credits****Yr:11****Assessment:**

14 credits are internally assessed and 4 credits are externally assessed.

**Costs:**

\$25 for field trip

**Prerequisites:**

Nil.

**Learning Strategies:**

Creative thinking, solution management, independent research, decision-making and investigation through the practical application of business skills.

During the year the students plan and organise a market day where they will market and sell a product of their choice. They will also devise a marketing strategy for the product they have created.

**Main Areas of Study:**

Students will gain knowledge of the workings of a small business. The main areas of study include: characteristics of entrepreneurs, business formation, financial management - how to budget and produce a cash flow and income statement. They will learn how to develop a business plan for their business idea. Students will also gain an understanding of how to recruit and select suitable employees.

**L2BUS L2 Business Studies****19 Credits****Yr:12****Assessment:**

15 credits internally assessed and 4 are externally assessed.

**Costs:**

\$40 for field trips.

**Prerequisites:**

Nil

**Learning Strategies:**

Creative thinking, solution management, independent research, team work, decision-making and investigation through the practical application of business skills.

During the year the students will develop a new business idea, conduct market research to ascertain its potential and then launch and run the business. The students will study leadership and motivation strategies in the workplace. The students will also visit a large New Zealand business.

**Main Areas of Study:**

Students will gain knowledge and a practical working experience of how a large business works incorporating all the functions of a business, including marketing/sales, finance, operations and human resources. They will also apply business knowledge to solve operational problems and examine leadership and motivational strategies within a business.

**L3BUS L3 Business Studies****19 Credits****Yr:13****Assessment:**

4 credits are externally assessed and 15 credits internally assessed. **This is a university approved subject.**

**Costs:**

\$40 for Field Trips

\$35 for YES programme which is STAR funded.

**Prerequisites:**

Head of Faculty approval needed if not studied at Level 1 or 2.

**Learning Strategies:**

Creative thinking, solution management, independent research, team work, decision-making and investigation through the practical application of business skills.

Over the course of the year the students will develop a new innovative and sustainable business idea formulating both a marketing and business plan. This will involve conducting both primary and secondary market research to ascertain its potential and then launching and running the business.

The students will be supported by an outside business consultant who will offer advice on all aspects of their business plan, including its implementation. This will provide an invaluable opportunity for those who are interested in undertaking tertiary study in a commerce related subject or running their own business in the future.

**Main Areas of Study:**

Students will gain a knowledge and practical working experience of how a business works. Students will look at the internal features of a business that operates in a global context. They will also apply business knowledge to operational problems as they they develop and manage their own businesses.

Students will also participate in the Lion Foundation - Young Enterprise Scheme (YES). This provides students with an excellent opportunity to meet, work alongside and be mentored by business leaders from around New Zealand.

**L1INE L1 Innovation and Entrepreneurship****18 Credits****Yr: 11****Assessment:**

18 credits, all internally assessed unit standards.  
This is not a university entrance pathway course.

**Costs:**

\$40 student trips.

**Prerequisites:**

Nil

**Learning Strategies:**

Students will gain knowledge and practical working experience of how to set up and run a business, including how to create a business plan. This course will suit students who enjoy working and developing their own ideas in a supportive environment. Students who enjoy working on projects would be particularly well suited and those who are keen to develop their transferable skills and have aspirations to be business owners in the near future. Students will also participate in a market day event and be supported by guest speakers to develop their understanding and learning.

**Main Areas of Study:**

The skills of entrepreneurship; how to develop and market a business idea; setting up and running of a small business; and the different legal structures of business formation. Students will learn how to apply the marketing mix to a new product and how to develop a business plan. This will include promotion activities such as developing social media campaigns. Students will also undertake some graphic design work to support their business - business cards and promotional material.

**L2INE L2 Innovation and Entrepreneurship****19 Credits****Yr: 12****Assessment:**

19 credits, all internally assessed unit standards.  
This is not a university entrance pathway course.

**Costs:**

\$40 for Field Trips and \$35 for Lion Foundation Young Enterprise Scheme

**Prerequisites:**

Nil.

**Learning Strategies:**

Students will gain knowledge and practical experience by setting up a business start-up. This course is for students who enjoy project-based learning, are keen to develop their transferable skills and may have future aspirations to be business owners.

They will enjoy working and developing their ideas in a supportive and encouraging environment. Students will be supported by guest speakers and will also have an external business coach to assist them to develop their business start-up.

Students will become competent in the use of business tools such as Slack, Trello, Timetoast, Canva, Lean and Social Canvas and website creation through Storbie or Google Sites.

Students will also have the opportunity to participate in the Young Enterprise Scheme.

**Main Areas of Study:**

How to develop an innovative idea for a business start-up. Learn how to develop a market research plan. Understand how to attract a target market and how to budget and manage your cash effectively in different and challenging circumstances. Creating social media campaigns to build relationships with your target audience.

**L2TOU L2 Tourism****18 credits****Yr:12****Assessment:**

This course offers five internally assessed unit standards. The assessments are open book and require the students to prepare answers relevant to the unit standard being studied.

This is not a university entrance approved subject.

**Costs:**

Optional field trips will be an additional cost.

**Prerequisites:**

Nil.

**Learning Strategies:**

Reading texts for information, note-making, internet research, group and individual presentations.

**Main Areas of Study:**

Knowledge of the New Zealand tourism industry, world tourism destinations and work roles in tourism.

**L3TOU L3 Tourism****20 Credits****Yr:13****Assessment:**

This course offers four internally assessed unit standards. The assessments are open book and require the students to prepare answers relevant to the unit standard being studied. **This is not a university approved subject.**

**Costs:**

Nil. Although there may be an optional field trip arranged with the associated trip costs payable at that time.

**Prerequisites:**

Nil - although a good level of literacy and self management skills is highly recommended.

**Learning Strategies:**

Reading texts for information, note-making, internet research, group and individual presentations. It is advisable that students have their own ipad or laptop for research. Education Outside the Classroom (EOTC) is offered as part of this course.

**Main Areas of Study:**

Knowledge of Australia and the Pacific Islands as tourism destinations, sites significant to tourism Māori and the economic contribution of tourism to economies.

**L1GEO L1 Geography****17 credits****Yr:11****Assessment:**

4 credits externally assessed and 13 credits internally assessed.

**Costs:**

Approximately \$300 for a field trip to a river environment and a residential trip, for example to Rotorua. These costs can be spread across the duration of the course.

**Prerequisites:**

Nil.

**Learning Strategies:**

Students will learn through independent learning activities, collaboration, thinking and decision making and by exploring current geographic issues and global topics. Students will be encouraged to develop their knowledge, argue opinions and communicate effectively. Time will be taken to learn and use geographic information systems (GIS) as a tool for geospatial analysis. This course is also enhanced by geographic research in the field for one day at a river environment and a three day residential trip.

**Main Areas of Study:**

Key topics are: extreme natural events, including tsunamis; geospatial analysis; sustainable tourism; and river environments.

**L2GEO L2 Geography****18 credits****Yr:12****Assessment:**

4 credits externally assessed and 14 credits internally assessed, with an option for additional internal assessment.

Achievement standards at Level 3 and Scholarship geography can be an option.

**Costs:**

Approximately \$300 for field trip to the Tongariro environment. These costs can be spread across the duration of the course.

**Prerequisites:**

Achievement in three Level 1 Geography standards including one external standard or twelve literacy credits including achievement in externally assessed English standards or Head of Faculty approval.

**Learning Strategies:**

Students will learn through independent learning activities, collaboration, thinking and decision making and by exploring current geographic issues and global topics. Students will be encouraged to develop their knowledge, argue opinions and communicate effectively. Time will be taken to learn and use geographic information systems (GIS) as a tool for geospatial analysis. This course is also enhanced by geographic research carried out over three days in the Tongariro environment.

**Main Areas of Study:**

Key topics are: learning about the Tongariro natural environment; geospatial analysis to solve an issue e.g. crime in Chicago, a global topic such as coffee production, and a contemporary geographic issue.

**L3GEO L3 Geography****18 credits****Yr:13****Assessment:**

4 credits externally assessed and 14 credits internally assessed. Scholarship geography is also an option. **This is a university approved subject.**

**Costs:**

Approximately \$45 for field trips to the Omaha and Muriwai environments.

**Prerequisites:**

Achievement in three Level 2 Geography standards including one external standard or twelve literacy credits at Level 2 including achievement in externally assessed English standards or Head of Faculty approval.

**Learning Strategies:**

Students will learn through independent research, collaboration, thinking and decision making and by exploring current geographic issues and global topics. Students will be encouraged to develop their knowledge, argue opinions and communicate effectively. This course is also enhanced by geographic research in two coastal environments as field trips.

**Main Areas of Study:**

Key topics are: natural processes shaping a coastal environment, a focus on the planning and environmental impacts of the 'Rhythm and Vines Music Festival' in New Zealand, a global topic such as tropical coral reefs and a contemporary geographic issue such as human trafficking and modern slavery.

**L1HIS L1 History****20 credits****Yr: 11****Assessment:**

8 credits externally assessed and 12 credits internally assessed.

**Costs:**

A trip to the Auckland Museum is planned to support our first internal and will incur a small trip fee.

**Prerequisites:**

Nil.

**Learning Strategies:**

Students will learn how to gather evidence from a range of sources and interpret a range of documents such as cartoons and source extracts in terms of their relevance and usefulness. Students will also examine people's perspectives to gain a greater appreciation of the periods being studied. Above all, students will assess the significance of events and the impact on New Zealand society at the time and to the present day.

**Main Areas of Study:**

The theme for the year is conflict and protest. Students will select and research a particular conflict/war that saw New Zealanders' involvement. This is where a trip to the museum is key to helping students look at all types of evidence and get more of a personal perspective. Students will also look at why people in NZ and globally, protested at different points in time, for civil rights and how that might connect to events of today. Freedom to study an event of choice is at the heart of Level 1 history.

**L2HIS L2 History****19 credits****Yr: 12****Assessment:**

9 credits externally assessed and 10 credits internally assessed.

**Costs:**

Nil

**Prerequisites:**

12 credits from Level 1 History (8 internal and 4 external) or from Level 1 English (external course) or Head of Faculty approval.

**Learning Strategies:**

There will be an increased emphasis on: the examination of resources, the writing of descriptive and analytical essays and an extension of the independent research gathering. Discussions and debates will enable students to comprehensively examine the main causes and consequences of the events studied.

**Main Areas of Study:**

The theme for Year 12 History is 'Beliefs and Ideology'. Students will focus on the events of WW2 and after, focusing on the period known as 'The Cold War' by examining events such as the 'Cuban Missile Crisis' and the war in Vietnam. Students will also look at why NZ went to war in Vietnam and the experiences of the soldiers and those at home in NZ.

**L3CLA L3 Classical Studies****22 Credits****Yr: 13****Assessment:**

10 credits externally assessed and 12 credits internally assessed. **This is a university approved subject.**

**Costs:**

Nil

**Prerequisites:**

12 credits from Level 2 English (external course) or Head of Faculty approval.

**Learning Strategies:**

Analysis of the ideas and values of different cultures with a focus being Virgil's Aeneid and Alexander the Great's leadership. Examination of evidence and texts and an understanding of the major influences of the period studied.

**Main Areas of Study:**

Students will delve into the classical world to look at Alexander the Great and his policy of fusion. Students will analyse the impact of this significant historical figure on the classical world. There will also be an examination and analysis of the ideas and values of the classical world using texts such as the Aeneid and investigating the impact that this has had on the ideals behind beauty and heroes.

**L3HIS L3 History****20 credits****Yr: 13****Assessment:**

10 credits externally assessed and 10 credits internally assessed. **This is a university approved subject.**

**Costs:**

Approximately \$110 for Bay of Islands field trip. TBC 2022

**Prerequisites:**

12 credits from Level 2 History (9 internal and 4 external) or 12 credits from English (external course) or Head of Faculty approval.

**Learning Strategies:**

It is not necessary for students to have done History at Level 1 and 2 but a sound grasp of comprehension skills and reading skills are strongly recommended. There is a strong focus on analysing evidence to understand perspectives, causation and significance. Evaluative judgements will also be developed and made.

**Main Areas of Study:**

The theme for Year 13 History is 'Power and Identity'. There will be a study of the Northern War in term 1 which may be supported by a field trip to the Bay of Islands to experience the site where the Treaty of Waitangi was signed and the significance of the area as a whole. The Battle of Kororareka 1845 will be our main area of focus as we analyse the causes and the impact on our society today. An analysis of a contested event in history will enable students to understand perspectives and why history is a discourse as historians are continuing to debate these events. They will develop their ability to write as historians.

# Academic Support and Enhancement Faculty



The Academic Support and Enhancement Faculty offers a Gateway course at Year 13. The purpose of the course is to prepare students for the work place. Most unit standards offered are at Level 2 but there may be some work place standards that can be offered at Level 3. The course also involves Occupational Health and Safety units and a First Aid Certificate. Students spend one day a week on a work placement in the career of their choice.

Selection into this programme is by interview with HOF, student and parent. Students are also required to source their own work placement to begin early next year. Numbers are limited.

The faculty also oversees some of the unit standard courses. The courses are designed for students who will struggle with the full achievement standard courses and the pressure and expectations of sitting external exams. There is a strong focus on improving the student's literacy and transition to work skills.

The advantages are:

- students in the class have similar learning needs
- students have access to higher levels of support aided by smaller class numbers

**Year 11** - Life Skills

**Year 12** - Transition to Work

**Year 11**  
**(NCEA Level 1)**

L1 Life Skills

**Year 12**  
**(NCEA Level 2)**

L2 Transition

**Year 13**  
**(NCEA Level 3)**

L3 Gateway

**L1LIF L1 Life Skills****18 Credits****Yr:11****Assessment:**

This is a unit standard course based on the completion of internal assessments.  
This is not a university entrance pathway course.

**Costs:**

Nil

**Prerequisites:**

Nil

**Learning Strategies:**

The assessments are open book so students are required to complete the accompanying work books which will be supplemented with additional material, discussion and personal research.

**Main Areas of Study:**

Life Skills is aimed at providing the students with an understanding of themselves and the world around them. The key areas of the course focus on social and co-operative skills such as anger management, dealing with cyberbullying and understanding the effects of drugs and alcohol; basic financial skills of budgeting and personal financial goal setting; using the internet for research purposes; producing a CV; and becoming aware of their personal well being.

**L2TRA L2 Transition****22 Credits****Yr:12****Assessment:**

This is a unit standard course and is fully internally assessed.  
This is not a university entrance pathway course.

**Costs:**

Some travel costs.

**Prerequisites:**

Nil

**Learning Strategies:**

Students are expected to be able to complete and maintain an accurate set of readings, notes and exercises within their various workbooks related to the unit standards. This will be supplemented with practical exercises and field trips.

**Main Areas of Study:**

The focus will be on students understanding and developing their knowledge of exploring career options and producing a plan for future directions. They will learn how to time manage and develop strategies for managing stress and the essential work place skill of effective communication and working together to achieve an objective. Added to this will be gaining an understanding of the New Zealand personal tax system.

**L3GWY L3 Gateway****20 credits****Yr:13****Assessment:**

All internally assessed unit standards mainly at Level 2 with some at Level 3. The level of the standards is determined by those available for the industry training. **This is not a university approved subject.**

**Costs:**

This will be dependent on their Gateway placement but much of the expense is covered by Gateway funding.

**Prerequisites:**

NCEA Level 2 or by negotiation with the Head of the ASE Faculty.

Students **MUST** be work ready.

Good attendance, ability to time manage and a positive attitude is essential.

This course is open to Level 3 students only and the number of students eligible is dependent on numbers pre approved by the Ministry of Education. It is a requirement that each student finds their own work placement before the course begins. (Funding is dependent on students achieving a minimum of 20 credits at any level in the previous year of the course.)

**Learning Strategies:**

Practical and workbook activities including one day a week in a relevant work placement.

**Main Areas of Study:**

This course is the gateway to the working world and enables students to spend one day per week working towards a traineeship in a career of their choice.

The course includes 'Occupational Health and Safety' units, a First Aid certificate, work ready standards, as well as relevant industry based unit standards.

# Technology Faculty



Technology is intervention by design. It uses intellectual and practical resources to create products which address human needs and opportunities. Design is characterised by innovation and adaptation, and is at the heart of technological practice.

Technology makes enterprising use of knowledge, skills and practices for exploration and communication.

With its focus on design thinking, technology education supports students to be innovative, reflective and critical in designing new models, products, software, systems and tools to benefit people while taking account of their impact on cultural, ethical, environmental and economic conditions.

Technology students learn the skills and knowledge required to create the future world in which they will live.

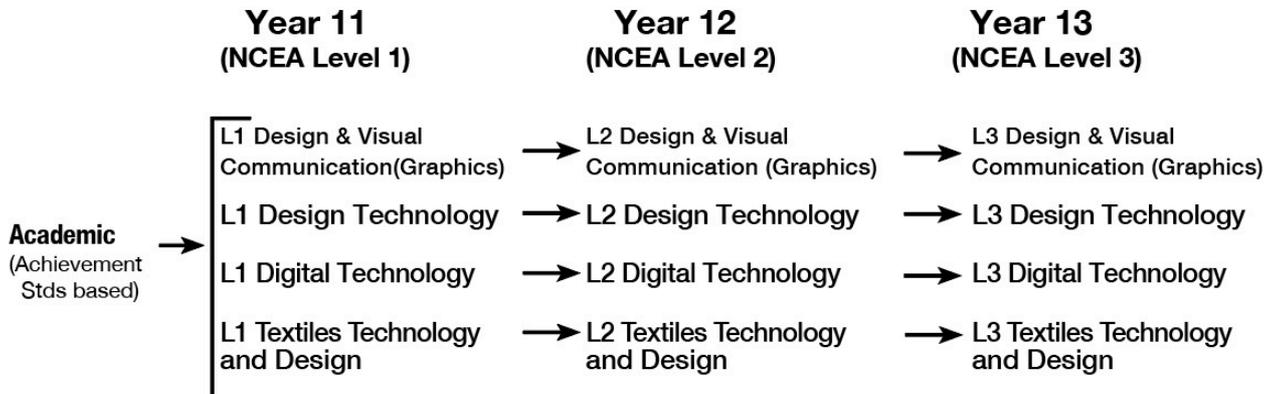
The technology faculty offers two pathways:

- The Academic pathway is university approved and contributes to university entry requirements. It supports literacy and scientific learning.
- The Vocational pathway prepares students for apprenticeships and employment within a variety of industries.

## Academic Technology

Academic Technology subjects are offered in Design and Visual Communication (Graphics), Design Technology, Textiles Technology and Design, and Digital Technology.

These subjects extend students with advanced design skills and critical thinking, preparing them for the creative design industries. This path leads students toward creating future technologies, innovation and entrepreneurship. All Academic Technology subjects are university approved and contribute to university entry requirements. Along with practical skills, they also support literacy and scientific learning.



## Vocational Technology

Vocational Technology subjects are offered in Hospitality and Resistant Materials subjects, including Design Technology at Level 1, and then Furniture, and a Construction Academy from Level 2 onward. There is also a Hospitality Academy at Level 3. These subjects have a more practical focus, where the majority of the course is hands-on and students may be able to take home products they have created. These courses are designed to prepare students for apprenticeships and employment within a variety of productive industries.



**L1TEC L1 Technology****20 credits****Yr:11****Assessment:**

16 credits internally assessed. All standards offered are achievement standards. (Optional: Additional 4 credits externally assessed)

**Costs:**

\$180 materials fee.

**Prerequisites:**

Students should have completed a graphics, textiles or technology course during Year 10.

Students must have demonstrated an ability to work safely in a workshop environment at previous levels.

**Learning Strategies:**

Students will be involved in investigation, research, design development, planning, problem solving, evaluating design and production processes. Students will complete practical projects with accompanying design and written work.

**Main Areas of Study:**

This course builds essential skills and knowledge for students who are interested in product design, engineering, and innovation. The course consists of three internal achievement standards and one external achievement standard. Students will complete two practical projects with supporting research and design work. Projects will include the design and making of a skateboard with the potential to make it electric.

**L2TEC L2 Design Technology****22 Credits****Yr:12****Assessment:**

18 internal credits. 4 external credits. Projects are designed and constructed, with assessment being split between the product and student explanation of their method and decisions via interview.

**Costs:**

\$190

**Prerequisites:**

Students must have completed the Level 1 Technology course, and must have gained a Merit or higher in one of the major projects at Level 1 or with Head of Faculty approval.

**Learning Strategies:**

Students will be involved in investigation, research, design development, planning, problem solving, evaluating design and production processes. Students will complete practical projects with accompanying design and written work.

**Main Areas of Study:**

This course expands on the essential skills and knowledge students developed in Level One Design Technology. This course is for students who are interested in product design and innovation, and engineering. Students will complete two practical projects with supporting research and design work. Two major projects will include advanced technology such as designing and flying a drone, and an introduction to electric vehicles by building and making your own. This course is an academic technology program offering only achievement standards and is part of a university pathway.

**L3TEC L3 Design Technology****18 Credits****Yr:13****Assessment:**

Approximately 14 internal credits and 4 external credits. Projects are designed and constructed, with assessment being split between the product and a portfolio of work. **This is a university approved subject.**

**Costs:**

\$200

**Prerequisites:**

Students must have completed Level 2 Design Technology and must have gained a merit or higher in one of the major projects at Level 2 or with Head of Faculty approval.

**Learning Strategies:**

Students will be involved in investigation, research, design development, planning, problem solving, evaluating design and production processes. Students will complete practical projects with accompanying design and written work.

**Main Areas of Study:**

This course further expands on Level One and Two Design Technology. Students will be designing, constructing and evaluating a small electric vehicle capable of carrying a single occupant to compete in the EVelocity Schools competition. In this academic course students will learn essential skills and knowledge preparing them for university study.

<b>L1DIT</b>	<b>L1 Digital Technology</b>	<b>21 credits</b>	<b>Yr:11</b>
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**Assessment:**

1 external Achievement Standard and 4 internal Achievement Standards

**Costs:**

\$20

**Prerequisites:**

Students will need the ability to work independently and have good self management skills. It is highly recommended that students have their own laptop (Windows or Mac operating systems) capable of running the following software - Graphics editing software (GIMP / Photoshop (licence available from school for \$10 per year)

**Learning Strategies:**

This is a practical course where learners will learn how to create media outcomes for web as well as design and write computer programs.

**Main Areas of Study:**

Students will study the techniques that surround the creation of modern digital media.

Digital Media applications, technologies and skills taught include:

- \* Digital Media: Web site design and development using HTML5 / CSS3 / PHP as well as managing data.
- \* Computer Programming: Developing computer programmes through the use of a basic iterative process using Python coding language.
- \* Demonstrate understanding of human computer interaction

<b>L2DIT</b>	<b>L2 Digital Technology</b>	<b>19 credits</b>	<b>Yr:12</b>
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**Assessment:**

1 external Achievement Standard and 3 internal Achievement Standards

**Costs:**

\$20

**Prerequisites:**

Open entry – Digital Technologies at Level 1 and a strong problem solving and mathematical skills are an advantage. Learners with no prior Web Design or Programming experience may take this course provided they have a keen interest in both topics. Highly recommended that students have their own laptop (Windows or Mac operating systems) capable of running the following software. Graphics editing software (GIMP / Photoshop \$10 licence available from school) - XAMPP.

**Learning Strategies:**

This is a practical course where learners will learn how to create advanced websites and connect their websites to a database using php / mysql. They will also learn how to plan and construct advanced programs using Python. They need to be able to work independently and have good self-management skills.

**Main Areas of Study:**

Students will study the techniques that surround the creation of Digital Technology Products.

Digital Technology applications, technologies and skills taught include:

- \* Design and produce an advanced website
- \* Connect a website with a database using PHP/MYSQL
- \* Design and produce a computer program using Python
- \* Develop an understanding of advanced computer science concepts.

<b>L3DIT</b>	<b>L3 Digital Technology</b>	<b>20 credits</b>	<b>Yr:13</b>
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**Assessment:**

1 external Achievement Standard, 3 internal Achievement Standards -16 credits minimum. **This is a university approved subject.**

**Costs:**

\$20

**Prerequisites:**

Open entry but Level 2 Digital Technology and/or an understanding of websites / CSS / PHP would be helpful. Good research skills and independent learning style would also be helpful. Students need to have their own laptop (Windows or Mac operating systems)- please see teacher in charge if this is an issue.

**Learning Strategies:**

Develop a brief for a website for a chosen client and produce the website according to this brief. The website outcome needs to be responsive, include a researched gallery layout and an interactive database solution. To achieve merit and excellence, students need to demonstrate ability to plan development and use an inquiry cycle of research, development and feedback to show iterative improvement of the quality of the outcome.

**Main Areas of Study:**

Students will follow a design process to create a website for a client of their choice from brief development through to implementing their design as a complex responsive website using html, CSS and Javascript where appropriate. Guidance will be given into making the website responsive (displaying differently on a wide screen or a mobile screen) and how to use a mysql database to store relevant information such as company's orders, a shopping cart or text and images for the website. The website needs to include a researched image gallery layout. For the external the students will produce a reflective analysis of developing their digital outcome - this will be a 3 hour CAT, sat during Term 3 exams.

## L1DVC L1 Design & Visual Communication (Graphics) 19 Credits Yr:11

### Assessment:

19 Credits. 3 externally assessed and 16 internally assessed. All achievement standards.

### Costs:

\$65 materials cost, which includes pens and pencils, erasers, printing, specialist graphics drawing and rendering equipment, all paper and card, clearfile display books, 3D printing, modelling materials, software costs, etc. All stationery and course materials are covered in this fee.

### Prerequisites:

Must have completed the Year 10 Graphics course, and gained at least a 'merit' grade for either 'Knowledge' or 'Practice'. Rare exceptions may be made with Head of Faculty approval.

Students should also have an interest in creative design, innovation, and developing new ideas and solutions to design problems.

### Learning Strategies:

Students will be involved in design activities and briefs and be expected to describe and illustrate products or systems using a range of drawing methods relevant to the different stages of development. They may also be expected to use mock-ups and modelling to explore problems and evaluate final solutions in terms of a design brief. Work will involve a range of hand drawing techniques, along with 3D modelling, animation, and computer presentation.

### Main Areas of Study:

The course covers all areas of visual design from architecture to product design, graphic design, sketching and 3D modelling. It is a blend of artistic design and solving real-world design problems. Students will gain a knowledge and practical working experience of graphically communicating information through a range of drawing and digital methods. Throughout the course they will analyse design problems as well as learn to effectively use a design process in the development of appropriate and innovative design solutions. Study in this area leads to fields such as architecture, product design, graphic design, animation, and more.

## L2DVC L2 Design & Visual Communication (Graphics) 19 Credits Yr:12

### Assessment:

19 Credits. 3 externally assessed and 16 internally assessed.

### Costs:

\$70 materials cost, which includes pens and pencils, erasers, printing, specialist graphics drawing and rendering equipment, all paper and card, clearfile display books, 3D printing, modelling materials, software costs, etc. All stationery and course materials are covered in this fee.

### Prerequisites:

Students must have completed Level 1 Graphics, and must have passed the major project (AS91068), as well as passing the external standard (AS91063) - or gain Head of Faculty approval.

### Learning Strategies:

Students will be involved in design activities and briefs and be expected to describe and illustrate products or systems using a range of drawing methods relevant to the different stages of development. They may also be expected to use mock-ups and modelling to explore problems and evaluate final solutions in terms of a design brief, in the specific areas of architecture and product design. Work will involve a range of hand and digital drawing techniques, along with 3D modelling and computer presentation. This course is aimed at students who wish to pursue a university-based career in various design fields.

### Main Areas of Study:

The course covers all areas of visual design from architecture to product design, graphic design, sketching and 3D modelling. It is a blend of artistic design and solving design problems. Students will gain a knowledge and practical working experience of graphically communicating information through a range of drawing and digital methods. Throughout the course they will analyse design problems as well as learn to effectively use a design process in the development of appropriate and innovative design solutions.

Some degree of specialisation occurs in the areas of architecture, product design and graphic/media design and illustration. Students may choose to do drawings by hand, or to do more digital and 3D work at this level if they prefer.

## L3DVC L3 Design & Visual Communication (Graphics) 16 credits Yr:13

### Assessment:

3 credits externally assessed and 19 credits internally assessed. **This is a university approved subject.**

### Costs:

\$75 materials cost, which includes basic printing, pencils, pens, erasers, specialist graphics drawing and rendering equipment, paper, clearfile display books, 3D printing, software costs, modelling materials, etc.

Students may optionally choose to purchase additional model making materials or quality card for their presentations.

### Prerequisites:

Students must have gained an achieved in one of the two major projects (AS91341 or AS91342), OR the external standard (AS91337), in Level 2 DVC, or gain Head of Faculty approval.

### Learning Strategies:

Students will choose their own project at this level, lasting a whole year and focusing on the specific area they are interested in. Therefore there will be a heavy focus on independent study and effective time management is essential to achieve well.

Students will be involved in practical activities and design briefs and be expected to describe and illustrate products or systems using a range of drawing or digital methods relevant to the different stages of development and prototyping.

### Main Areas of Study:

The course covers all areas of visual design from architecture to product design, graphic design and 3D modelling. It is a blend of artistic design and solving practical problems. At this level, students choose their own project and focus area for the year. Students will gain knowledge and practical working experience of graphically communicating information through a range of drawing or digital methods, as well as a recognition of the design process and the development of effective, innovative design solutions.

This course is aimed at students who wish to pursue a university based career such as architecture, spatial design, industrial design, graphic design, vehicle design, landscape design, animation, advanced engineering, and so on.

Scholarship level Design & Visual Communication will also be taught in this class and can be entered if students wish to do so.

## L1TEX L1 Textile Technology and Design

16 -20 Credits Yr:11

### Assessment:

The course is internally assessed with an optional 4 credit externally assessed written report for those following the academic route.

### Costs:

\$100 – includes all fabric, accessories, sewing equipment and workbooks.  
There may be a small (optional) cost for an off-site trip.

### Prerequisites:

Students should have completed a textile technology course in Year 9 or Year 10 or obtained Head of Faculty approval.

### Learning Strategies:

The subject combines elements of art and science with some aspects of numeracy and literacy.  
This course involves the design and creation of a number of projects. Specific technical skills will be taught and students will be expected to develop a variety of key competencies to support their pathway to university or employment.  
Students will be involved in critical thinking, research and design, problem solving and collaboration with others.

### Main Areas of Study:

The course will be adapted to suit students who want to follow an academic pathway to university or for those that plan to a more vocational route to apprenticeships or employment.  
Projects for 2022 include a bag or sports holdall using newly learned practical skills. Students will also use their knowledge and creativity to design and make sweatpants.

Textile Technology and Design is a university approved subject.

## L2TEX L2 Textile Technology and Design

16 -20 Credits Yr:12

### Assessment:

The course includes internal assessments with an optional externally assessed written report for those wishing to follow an academic pathway.

### Costs:

\$100 – includes all fabric, accessories, sewing equipment and workbooks.  
There may be an additional (optional) cost for an off-site trip.

### Prerequisites:

Students must have studied and passed Textiles in Year 11, Year 10 or gained Head of Faculty approval.

### Learning Strategies:

The course combines elements of art and science with some literacy requirements.  
This is a creative course that encourages students to research opportunities to design and produce a variety of products in denim. Students will learn advanced practical skills by exploring, trialling and testing their own design ideas for use in their final garment. Techniques could include but are not limited to, laser cutting, screen printing and applique.

### Main Areas of Study:

Students will design and produce a garment of their choice using sustainable practice. This involves research into sustainability and experimenting with a variety of concepts. Students will be encouraged to be innovative and thoughtful in the design and production process.  
Projects for 2022 include either a 'creative garment of their choice made from sustainable denim practices and Bomber' jacket or tailored shirt.

Textile Technology and Design is a university approved subject.

## L3TEX L3 Textile Technology and Design

16 -20 Credits Yr:13

### Assessment:

The course includes internal assessments with an optional externally assessed written report for those following an academic pathway.

**This is a university approved subject.**

### Costs:

\$120 – includes all fabric, accessories, sewing equipment and workbooks.  
There may be an additional (optional) cost for an off-site trip.

### Prerequisites:

Students should have passed Level 2 or Level 1 Textiles or gain Head of Faculty approval.

### Learning Strategies:

The course combines elements of art and science with some literacy requirements.  
This is a creative course that encourages students to explore their own culture and interests to design a textile fabric. Students will develop an understanding of textile printing processes and will design their own digitally printed fabric.

### Main Areas of Study:

Students will also learn complex practical skills. They will use their technical knowledge in the creation of a garment of their choice. The garment will incorporate their printed fabric, making this a unique product that reflects their personality.  
Projects for 2022 include a complex garment combining different fabrics and an individually designed and printed garment.

**L1HOS L1 Hospitality****19 Credits****Yr:11****Assessment:**

Hospitality Route: 19 unit standard credits that are internally assessed. Food Technology Route: 14 credits internally assessed and 3 credits externally assessed. (17 total) All standards offered are achievement standards. This is not a university entrance pathway course.

**Costs:**

Course fee \$260

**Prerequisites:**

No prerequisites, however, it is desirable that students would have chosen Food Technology during Year 9 and/or Year 10. It is expected that you will have an electronic device to access some of the course content.

**Learning Strategies:**

Students will be involved in investigation, research, design, development, planning, problem solving and production processes. Students will complete practical projects with accompanying design and written work.

**Main Areas of Study:**

The course builds essential skills and knowledge for students who are interested in basic procedures involved in the processing of specified food products and to make a prototype (food product) to address a brief. Students directed towards the hospitality route of this course will complete more practical dishes and gain skills that would be expected of someone working in the hospitality industry. With the additional advantage of being able to know how to undertake appropriate tests, selecting and using of ingredients, equipment, practical techniques and processes in the production of food products that meet the specifications of the food industry.

**L2HOS L2 Hospitality****18 credits****Yr:12****Assessment:**

All internally assessed unit standards. This is not a university entrance pathway course.

**Costs:**

Course fee total \$270 is made up of materials \$210 and assessment materials \$60.

**Prerequisites:**

Must have done L1 Hospitality. Must also have paid the full course fees for the previous year (or made an arrangement with the school). Exceptions may be approved by the TIC Hospitality or HoF. It is expected that you will have an electronic device to access some of the course content.

**Learning Strategies:**

A combination of practical foods work, related studies, theory and planning lessons. The structure of the class will incorporate group work, research, written and practical tests.

**Main Areas of Study:**

The course is designed as an introduction to working in a commercial kitchen environment. It aims to provide students with foundation skills in cookery and incorporates a wide variety of practical skills e.g. food hygiene and safe food handling practices, maintaining knives, preparing and cooking grilled foods.

**L3HOS L3 Hospitality****18 credits****Yr:13****Assessment:**

All internally assessed unit standards. **This is not a university approved subject.**

**Costs:**

Course fee will be total \$310 - Materials fee \$200, assessment material \$60 and Barista fee \$50

**Prerequisites:**

Must have done L2 Hospitality. Must also have paid the full course fees for the previous year (or made an arrangement with the school). Unit Standard 167 - Food Safety (If you do not have this standard, the College will provide details of how this can be obtained) Exceptions may be approved by the TIC Hospitality or HoF. This is a single line option of hospitality meaning 4 hours of study per week. It is expected that you will have an electronic device to access some of the course content.

**Learning Strategies:**

Research and investigation, independent study, practical foods work, assignments and tests.

**Main Areas of Study:**

The course is designed as an introduction to working in a commercial kitchen environment. Level 3 is an introduction to industry level study. Opportunities will be given to cater for various events and functions. Students will also complete an intensive Barista training course. Achievement will result in a recognised certification.

**L2CNA L2 Construction Academy****36 Credits****Yr:12****Assessment:**

Internally assessed unit standards.  
This is not a university entrance pathway course.

**Costs:**

\$350

**Prerequisites:**

Nil.

It is expected that you will have an electronic device to access some of the course content.

Note: You cannot take this course if you have chosen to take furniture at Level 2.

**Learning Strategies:**

Learning will take place through individual theory study, practical group work, assignments and tests.

**Main Areas of Study:**

This double period course is designed to develop and encourage excellence in aspects of building construction. A wide variety of building skills will be covered to enable a student to enter an apprenticeship in the construction industry. Possible individual projects for this course could be large outdoor furniture and group work will be addressed through a community construction project in the school environment.

**L3CNA L3 Construction Academy****31 Credits****Yr:13****Assessment:**

L3 Internally assessed unit standards based on the BCITO industry specific assessments.

**This is not a university approved subject.**

**Costs:**

\$350

**Prerequisites:**

Students who have studied any of the following are welcome to apply for this course: Level 2 Design Technology, Level 2 Furniture, Level 2 Science, Level 2 Construction Academy. Students who have studied other subjects will need to consult with the Head of Faculty.

It is expected that you will have an electronic device to access some of the course content.

Note: You cannot take this course if you have chosen to take furniture at Level 3.

**Learning Strategies:**

Learning will take place through individual theory study, practical group work, assignments and tests.

**Main Areas of Study:**

This double period course is designed to develop and encourage excellence in aspects of building construction. A wide variety of building skills will be covered to enable a student to enter an apprenticeship in the construction industry. Possible individual projects for this course could be large outdoor furniture and group work will be addressed through a community construction project in the school environment.

**L2CNA L2 Construction Academy****36 Credits****Yr:12****Assessment:**

Internally assessed unit standards.  
This is not a university entrance pathway course.

**Costs:**

\$350

**Prerequisites:**

Nil.

It is expected that you will have an electronic device to access some of the course content.

Note: You cannot take this course if you have chosen to take furniture at Level 2.

**Learning Strategies:**

Learning will take place through individual theory study, practical group work, assignments and tests.

**Main Areas of Study:**

This double period course is designed to develop and encourage excellence in aspects of building construction. A wide variety of building skills will be covered to enable a student to enter an apprenticeship in the construction industry. Possible individual projects for this course could be large outdoor furniture and group work will be addressed through a community construction project in the school environment.

**L3CNA L3 Construction Academy****31 Credits****Yr:13****Assessment:**

L3 Internally assessed unit standards based on the BCITO industry specific assessments.

**This is not a university approved subject.**

**Costs:**

\$350

**Prerequisites:**

Students who have studied any of the following are welcome to apply for this course: Level 2 Design Technology, Level 2 Furniture, Level 2 Science, Level 2 Construction Academy. Students who have studied other subjects will need to consult with the Head of Faculty.

It is expected that you will have an electronic device to access some of the course content.

Note: You cannot take this course if you have chosen to take furniture at Level 3.

**Learning Strategies:**

Learning will take place through individual theory study, practical group work, assignments and tests.

**Main Areas of Study:**

This double period course is designed to develop and encourage excellence in aspects of building construction. A wide variety of building skills will be covered to enable a student to enter an apprenticeship in the construction industry. Possible individual projects for this course could be large outdoor furniture and group work will be addressed through a community construction project in the school environment.

**L3HSA L3 Hospitality Academy****34 Credits****Yr:13****Assessment:**

All internally assessed unit standards. **This is not a university approved subject.**

**Costs:**

Course fee total \$310 this includes material, assessment and barista fees. Other costs will be covered from catering events and espresso bar.

**Prerequisites:**

Must have done L2 Hospitality. Must also have paid the full course fees for the previous year (or made an arrangement with the school). Priority will be given to students who have passed Unit Standard 167.

**Learning Strategies:**

Emphasis to be on 'real world' experiences and skills e.g. practical foods work, culinary competitions, catering for school events, running espresso bar, visits to local food producers, guest speakers, research, independent study, practical and written assessments.

**Main Areas of Study:**

This double period course is designed to develop and encourage excellence in aspects of culinary skills, customer service and career advancement. Topics will include certified Barista training, menu costing and nutrition and a wide range of practical cooking units including pasta, cakes, meat dishes, egg dishes and others.

**L2CRT L2 Creative Technology****22 credits****Yr:12****Assessment:**

18 internal credits. 4 external credits. Projects are designed and constructed, with assessment being split between the product and a portfolio of work.

**Costs:**

\$190 material fee.

**Prerequisites:**

Students must have demonstrated an ability to work safely in a workshop environment at previous levels. Students will need a device to access some course content.

You would not normally take this course if you are taking Level 2 Construction.

**Learning Strategies:**

This course focuses on creating products using innovative production technology such as CNC and Laser cutting. Students will be involved in initial design development, prototyping, and problem solving, then evaluating their design and production processes. Students will complete practical projects with some accompanying design and explanation of their thinking.

**Main Areas of Study:**

This course expands on the essential skills and knowledge students developed in Level One Technology. This course is for students who are interested in product design and innovation. Students will produce two or more practical projects with supporting development and evaluation. The course will cover computer design work and automated production, along with some traditional practical skills. This course is an academic technology program offering only achievement standards and is part of a university pathway.

**L3FUR L3 Practical Technology****18 Credits****Yr:13****Assessment:**

All internally assessed unit standards. **This is not a university approved subject.**

**Costs:**

\$200 material fee.

**Prerequisites:**

Students should have studied Level 2 Design Technology, Level 2 Furniture or Level 2 Graphics to have the underlying skill base for this course or with Head of Faculty approval.

Students must have demonstrated an ability to work safely in a workshop environment at previous levels and have a positive work ethic.

**Learning Strategies:**

This is a practical course including research, theory work and design work. This is a course aimed at students who wish to pursue a trade based career in the carpentry and building industry.

**Main Areas of Study:**

Students will carry out some skills based activities in order to gain their credits. The students will then move on to constructing either a surfboard or a kayak.