



Mahurangi
COLLEGE



MAHURANGI COLLEGE
NEW ZEALAND

Senior Course Booklet 2023

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>

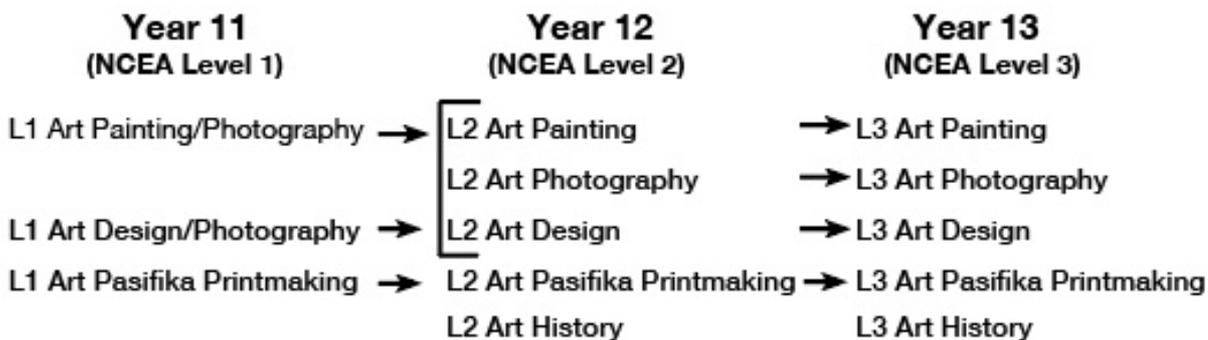
Visual and Performing Arts Faculty



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, folio boards and pencil.

Prerequisites:

It is preferable for students to have studied year 9 and 10 Art but is not compulsory. Students may choose this option if they have a passion or interest in developing creative skills in design and photography.

Learning Strategies:

Students will develop skills to be high level independent creative thinkers, able to establish and generate unique and original creative concepts which prepare them for Level 2 visual arts courses, leading on to pathways in creative industry and tertiary level. Students will develop a wide range of capabilities in the area of Design and Photography.

Main Areas of Study:

Students will develop capabilities in digital drawing, image editing, photographic studio skills, using the Adobe Creative Suite, whilst at the same time enhancing their independent learning skills for a changing future world. They will take part in practical workshops which focus on the development of photographic knowledge and skills, producing imagery based on their chosen theme or company. They will also establish a broad practical understanding of design, visual communication, identity and branding. Students will develop the ability to come up with original concepts. Students will also develop the capability to use industry standard creative software to a high level as they make digital artworks.

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.

Prerequisites:

It is preferable for students to have taken Level 1 Photo Design but other engagement with visual art, or skill in using adobe creative software will be considered. Students should have an interest in creativity, learning new techniques, working with digital technologies and risk taking.

Learning Strategies:

This course is about developing and extending your Design knowledge and skills using a range of creative techniques to create futuristic and authentic real world design outcomes. You will learn how to evolve concepts and produce handmade and digital design using the Adobe Creative Suite. The conceptual basis of your design work will be choosing an exciting company idea for the year, and developing it via a range of creative technologies to create exciting artworks. You will make sequences of work in response to a range of briefs. Your best work is put together to make a final digital folio for external assessment showcasing your abilities and ideas for the ever-changing world.

Main Areas of Study:

Students will learn how to generate and develop independent creativity, building lateral and in-depth thinking skills which are transferable to other disciplines across the arts and other fields of knowledge. Students will learn how to develop company branding and identity, making interactive design works such as posters, interactive billboards and a promotional images. You will also learn a wide range of graphic techniques for advertising, aided by the study of practical and theory sessions.

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:

Success in Level 2 Design and Level 1 Photo Design. Other engagement with visual arts, or skill in using adobe creative software may be considered. Please discuss your readiness for this course with Mrs Norrington if you did not study or achieve in L2 Art Design. Students should have an interest in creativity, learning new techniques, working with digital technologies and risk taking.

Learning Strategies:

Students will choose to establish a unique Design genre of their choice. Students will extend their knowledge and skills in Design to create original design work to promote their brand. You will learn how to develop design identity and marketing material, digital design concepts through using the Adobe Creative Suite, Your best work is put together to make a final folio, showcasing your abilities and ideas for the ever changing future world.

Main Areas of Study:

Students will learn how to generate and develop independent creativity, building lateral and in-depth thinking skills, which are transferable to other disciplines across the arts and other subject disciplines. Students will learn how to develop company branding and identity, making interactive design such as posters, branding and promotional material.

L1PAI L1 Art Painting / Photography**20 credits****Yr: 11****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:

It is preferable, but not essential, for students to have studied Year 10 Visual Art. Students who did take Art in Year 10 should have experienced success at Achieved level or above. This is an active course. Students should have a genuine interest in developing artistic skills and knowledge.

Learning Strategies:

Brain research confirms that Arts education strengthens students' problem-solving and critical thinking skills, adding to overall academic achievement, school success, and preparation for the work world. We teach in a way that encourages ākonga (students) to consider, observe and respond to their world. In this course, ākonga learn to work independently to research, construct meaning, produce artwork, respond to and value others feedback and criticism. They learn to develop and extend their creativity, use their imagination, experiment with materials, engage with unexpected outcomes and to explore multiple solutions.

Main Areas of Study:

This course enables ākonga to develop their own individual style that will support and empower them in their future choice of creative expression and pathways. The course structure is designed to promote independent work habits and investigate personalised topics, ideas and skill-sets. This course is divided into two interrelated areas: Trying a variety of processes based on practical skills, using a variety of contemporary established practice in at least two fields of art-making practice as a source of motivation linked to the theme. Students will develop their own unique approach to the theme to create a sequential body of work that explores art-making mediums/processes. This will make up the externally-assessed folio board. Learning to develop high level thinking skills. Students do this by learning how to investigate an idea and extend it in a range of art works.

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

L2PAI L2 Art Painting**20 credits****Yr: 12****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:

Visual Art is not only an art form but is a way of seeing the world. We teach in a way that encourages ākonga to examine and respond to their world. In this course, ākonga learn to work independently, experiment with media to construct meaningful artworks, and respond to and value others' feedback and criticism. Students learn to use imagination, observation, research and practical investigation to develop a theme and ideas with increasing depth. Students develop skills in a wide range of media, processes and techniques, engaging with unexpected outcomes and exploring multiple solutions.

Main Areas of Study:

In Year 12 Art students will start the year developing work using a range of wet and dry drawing media, then extend skills in sequences that gradually expand and deepen ideas. Students will extend their skills using a wide range of painting and/or printmaking processes, materials and techniques. Throughout the year students develop their own individual voice, style, and creative approaches, learning to work as artists in their own right. This course is primarily practical, but also develops thinking and research skills. Students will explore the concept of identity : their own and others' to create a sequential body of work.

L3PAI L3 Art Painting**22 credits****Yr: 13****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 specialises in painting. Students will explore and extend their skills in a variety of painting media, including watercolour, mixed media, gouache, acrylic. Digital painting and other approaches to contemporary art making, aligned with established practice can also be a focus. There are many exciting ideas, processes, materials and techniques that open up to be explored at this level of specialisation. Students will extend themselves as artists by developing a strong art journal practice. Each student will select a rich idea to investigate and outwork in sequences of drawing and paintings. You will refine techniques and ideas over the course of the year. You will learn how to research your idea, deepen and expand your thinking and personal expression as you are guided through each phase of learning.

Main Areas of Study:

This course enables senior art ākonga to evolve their individual approach to art-making in a way that supports and empowers personal creative expression. Drawing and painting sequences are used to generate, analyse, clarify and regenerate ideas. Using a study of artists' works, ākonga will be able to extend ideas and produce new work using conventions appropriate to the painting media being used. Visual Art equips ākonga with transferable skills that can be used in a wide range of tertiary courses and careers.

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, including \$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:

Ideally students will have studied one of our visual art courses in Year 10 or 11, but the course is open to all students who are willing to commit to actively engaging in learning. Photography is an active practical subject. Students will need to commit to growing their self-management skills.

Learning Strategies:

Senior photography courses develop multiple life-long skills such as the ability to think in complex and divergent ways, creativity, positive learning dispositions and personal competencies, as well as specific skills in Photography. There are many career options and tertiary pathways involving visual arts skills, literacies and creative thinking. These span a wide range of industries and fields of knowledge. People with creative, original, high level thinking and problem-solving skills are highly sought after.

Main Areas of Study:

Students in this Year 12 photography course will explore the technical and creative possibilities of photography as an art form and build their visual literacy and understanding of the creative process. They will learn how to use a camera and build their understanding of image making and visual communication. This will include learning the technical skills of how to operate a digital SLR camera, the operation of studio lighting and techniques for post production using Adobe Suites. The focus is on original and creative thinking, using a range of experimental approaches and photographic conventions. Students will work towards a folio or digital folio of their own photography.

This course introduces students to seeing, thinking and creating with a critical mind and eye on the world in which they live. They bring this to the crafting and manipulation of photographic forms and meaning. Students will become far more aware of and attentive to the richness and complexity of the physical world, culture and societies in which we live. This subject will develop students as thinkers, deepening connections and awareness of themselves and others. It has value beyond the development of Photography skills only.

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 a Visual Art senior course or request Head of Faculty approval. Students should have own quality digital camera. Please ask art staff for advice on cameras.

Learning Strategies:

This course builds on the technical and conceptual skills developed in level 2 Photography.

Students create images to an industry standard and develop the aesthetic, technical, conceptual skills needed to create a professional practice. Students will be guided and supported throughout the course to be able to accomplish this. They will further appreciate the technical and conceptual complexity that characterises photography while enhancing their ability to discuss their work and the work of others.

Main Areas of Study:

Students will work towards a portfolio/digital portfolio of original photographic/moving image work. They will gain further understanding of methods and ideas that form contemporary photography practice and develop critical and creative thinking skills.

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 and will perform on stage in front of an audience throughout the year in order to experience an authentic performance environment.

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**22 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 and will perform on stage in front of an audience throughout the year in order to experience an authentic performance environment.

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**22 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:

No prerequisites but it will benefit students to have taken Year 10 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 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. Where possible, students will receive free instrument tuition (voice is an instrument). Performances will be video recorded. Score reading and composition skills will be developed using Sibelius or Musicscore computer programme.

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 for external theory exam preparation.

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. Where possible, students will receive free instrument tuition (voice is an instrument). Performances will be video recorded. Score reading and composition skills will be developed using Sibelius or Musicscore computer programme.

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 for external theory exam preparation.

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. Where possible, students will receive free instrument tuition. Performances will be video recorded. Differentiated course tailored to the student can include harmonic and tonal convention, external analysis of a set work and composition.

Main Areas of Study:

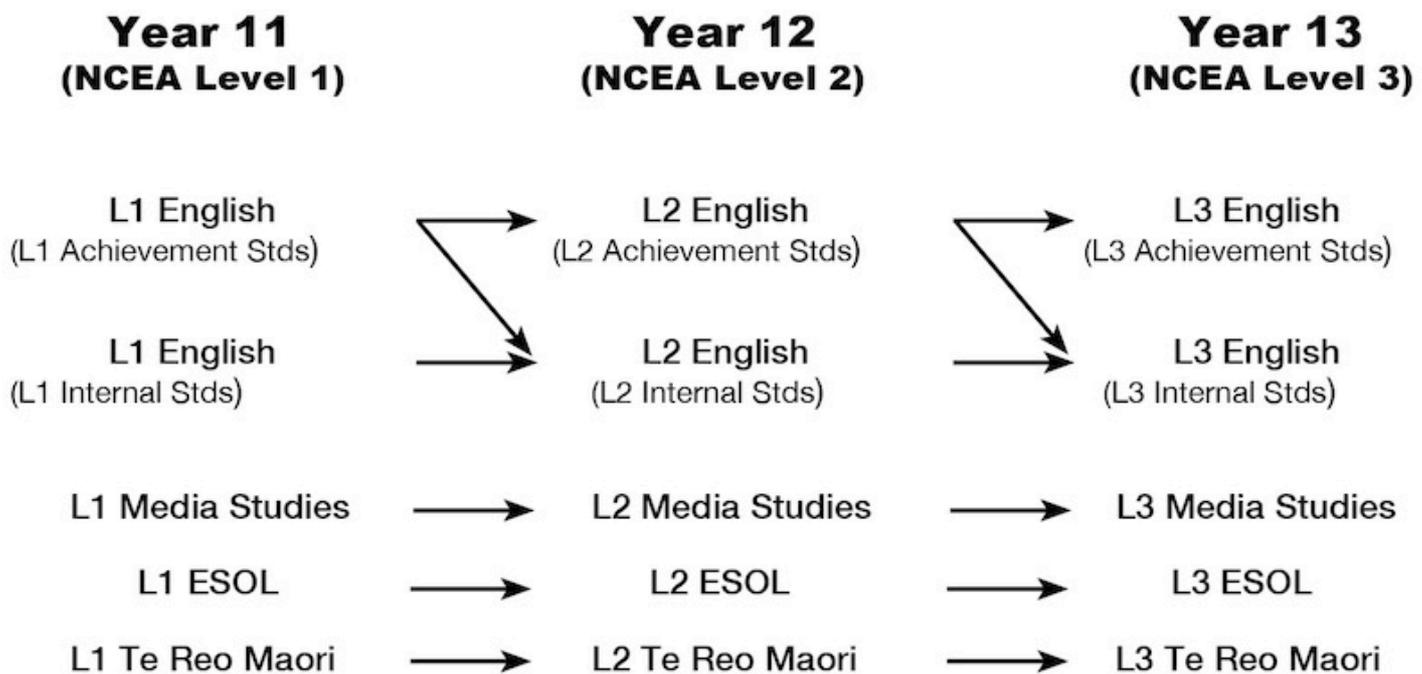
Students may choose to:

- 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 3 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**18 credits****Yr: 12****Assessment:**

8 credits externally assessed and 10 credits internally assessed.

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**18 credits****Yr: 12****Assessment:**

4 credits assessed externally, with 14 credits internally, including one unit standard.

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 need to pass the visual text external to gain entry into 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. The majority of texts studied 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:**

4 externally assessed credits with 13 internally assessed. **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

Learning Strategies:

Students will learn through independent research, collaboration, thinking and decision making and by exploring current media issues and topics.

We are looking to develop life-long skills which include written and visual literacy, communication skills, the ability to lead and contribute to teams, and to solve problems through effective research methods. All of these skills are taught in our programmes; they underlie most of what we do.

Main Areas of Study:

This course will challenge your thinking, broaden your views and help you develop an increased awareness of the role of media in transforming society and culture.

Key Topics include a Film genre study, Video production, Close reading of Pixar films, media stereotypes and representation.

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:

Students will learn through independent research, collaboration, thinking and decision making and by exploring current media issues and topics.

We are looking to develop life-long skills which include written and visual literacy, communication skills, the ability to lead and contribute to teams, and to solve problems through effective research methods. All of these skills are taught in our programmes; they underlie most of what we do.

Main Areas of Study:

This course will challenge your thinking, broaden your views and help you develop an increased awareness of the role of media in transforming society and culture.

Key Topics include a film genre study, production, recent developments in the media, media stereotypes and representation.

We realise not all students want to make a short film. If you are interested in the media and society but are not keen on making short films then this course can accommodate you by running a programme of study where you don't have to make a film.

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:

We are looking to develop life-long skills which include written and visual literacy, communication skills, the ability to lead and contribute to teams, and to solve problems through effective research methods. All of these skills are taught in our programmes; they underlie most of what we do.

Main Areas of Study:

This course will challenge your thinking, broaden your views and help you develop an increased awareness of the role of media in transforming society and culture.

Key Topics include a film genre study, production, recent developments in the media, media stereotypes and representation.

We realise not all students want to make a short film. If you are interested in the media and society but are not keen on making short films then this course can accommodate you by running a programme of study where you do not have to make a film.

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 class room 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.

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
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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	17 credits	Yr: 11
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Assessment:

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

Costs:

\$50 Trip to snowplanet

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
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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
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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.

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:

\$200 Trips are run alongside level 3 outdoor education. Trips will include an overnight camp at Tawharanui surfing trip and golf driving range. Optional trip may include snowplanet.

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 of 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.

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

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

This is not a university approved subject.

Costs:

\$700 which includes Tawharanui surfing trip, Sea kayaking trip, tramping. Other optional trips may include military arts, snowplanet and 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.

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).

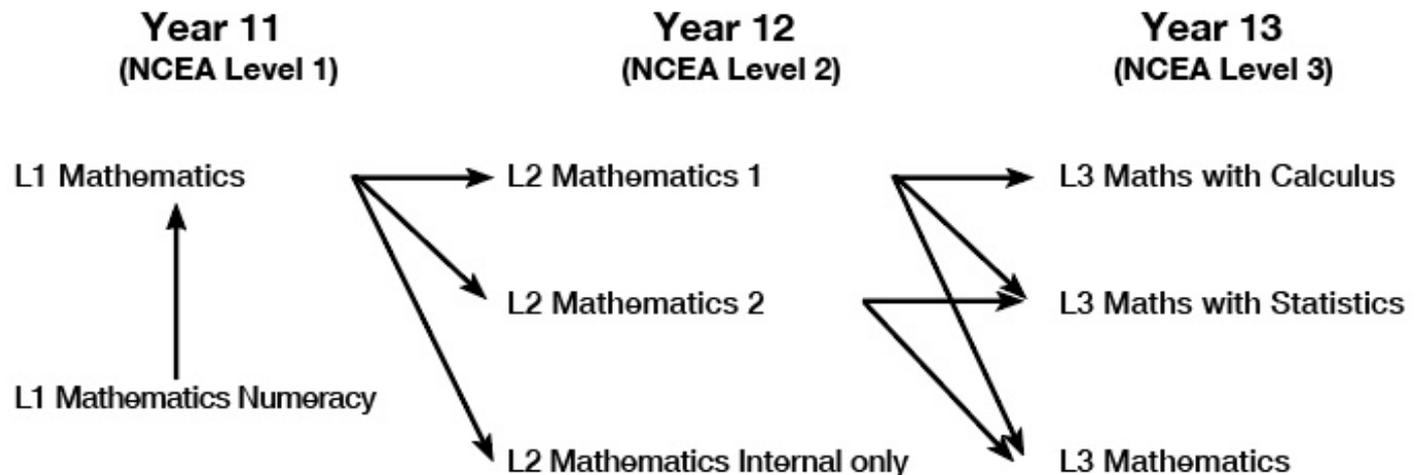
Mathematics Faculty



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 the higher 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 statistical inference. 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 'Coordinate Geometry.' 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:

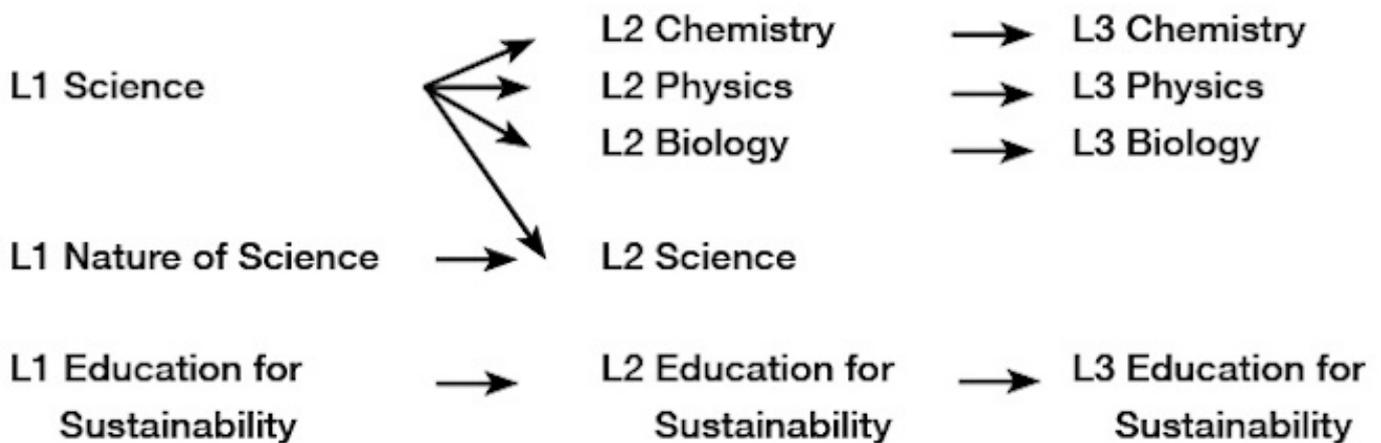
Students will cover a range of mathematics that will support further study at university level. This course may include an optional external assessment at the discretion of the teacher. Students will be offered a range of different mathematical areas of study from algebraic manipulation of trigonometric 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



L1SC1	L1 Science	20 Credits	Yr: 11
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Assessment:

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

Costs:

\$10 for a student booklets

Prerequisites:

All Year 11 students taking Science need to select this subject. There are several streams of Level 1 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 Head of Year.

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
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Assessment:

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

Costs:

Nil

Prerequisites:

Graduation from Year 10 or with 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:

Students will learn to carry out scientific investigations into a number of different contexts. The internals selected will depend on the abilities and interests of students in the class. They will require students to develop their research skills and show an understanding of different scientific concepts.

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

5 internal (science, social studies and ag/hort)

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 work 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.

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:

Students will study different aspects of science depending on the abilities and interests of the students in the class. Students are likely to study the adaptations of a particular system in animals, investigate the effect of enzymes on the rate of chemical reactions taking place in the body, investigate the chemical species present in water samples and research how animals have adapted to extreme environments (either in space or the deep ocean).

L2EFS L2 Education for Sustainability**17 Credits****Yr: 12****Assessment:**

Two internals (9 credits) and two externals (8 credits)

Costs:

\$25 project supplies

Prerequisites:

Students who have not taken Level 1 Education for Sustainability are still able to take Level 2. Students need to have the skills to work independently and also cooperatively on group projects. Students need to be able to listen respectfully to the opinions of others and be able to communicate clearly and effectively with others. Learning will take place in the classroom and outside, doing hands-on work.

Learning Strategies:

Education for sustainability includes learning about:

- the environment - water, land, ecosystems, energy, waste, urban living and transportation
- the interactions between the natural environment and human activities, and the consequences of these
- the choices and actions we can take to prevent, reduce, or change harmful activities to the environment.
- the Māori concepts of manaakitanga and kaitiakitanga

Students will develop skills to plan, act on and reflect on action projects related to environmental and social issues. Students will build effective communication skills, as well as improving their ability to critique sources of information and other people's opinions.

Main Areas of Study:

Students will be learning about the four pillars of sustainability. They will use this knowledge to investigate different groups and businesses and make suggestions about how to improve on their overall sustainability. Students will also work on passion projects involving manaakitanga and kaitiakitanga. Ethics and decision making will be emphasised.

L3EFS L3 Education for Sustainability**19 Credits****Yr: 13****Assessment:**

19 Credits- 10 internally assessed credits and 9 externally assessed credits

Costs:

\$25 project supplies

Prerequisites:

Students should have passed the majority of assessments at L2 EfS or with HOF approval.

Learning Strategies:

Education for sustainability includes learning about:

- the environment – water, land, ecosystems, energy, waste, urban living and transportation
- the interactions between the natural environment and human activities, and the consequences of these
- the choices and actions we can take to prevent, reduce, or change harmful activities to the environment.
- the Māori concepts of manaakitanga and kaitiakitanga

Students will develop skills to plan, act on and reflect on action projects related to environmental and social issues. Students will build effective communication skills, as well as improving their ability to critique sources of information and other people's opinions.

Main Areas of Study:

Students will use their knowledge of the four pillars of sustainability to analyse how different actions and viewpoints affect sustainability. Students will also analyse the impact that policies make on a sustainable future. Lastly, student will plan and carry out their own sustainable action involving the ideas of manaakitanga and kaitiakitanga within our community.

L2BIO L2 Biology 19 credits Yr: 12

Assessment:

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

Costs:

Prerequisites:

12 credits in Level 1 Science, including 4 credits in the genetics standard at merit level and 4 credits from the 'Heartbeat Investigation' or with 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, cell processes, a current biological issue, carrying out an investigation and research into gas exchange in humans and other animals.

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:

Two trips (approximately \$40 each)- one to Auckland zoo to aid with the external on human evolution and one to Tawharanui to aid with an internal assessment.

Prerequisites:

12 credits in Level 2 Biology including at least 4 external credits at merit level or with 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:

A scientific calculator is essential.

Prerequisites:

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

Learning Strategies:

Students will undertake a variety of different activities including, but not limited to, experimental work, individual research, teacher led activities 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 a practical investigation using quantitative analysis, an investigation into the chemical species present in water samples and redox reactions.

L3CHE L3 Chemistry 20 credits Yr: 13

Assessment:

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

Costs:

A scientific calculator is essential.

Prerequisites:

Students are required to achieve in the majority of L2 Chemistry standards, including at least one external assessment, or with Head of Faculty approval.

Learning Strategies:

Students will undertake a variety of different activities including, but not limited to, experimental work, individual research, teacher led activities 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 a practical investigation, spectroscopy 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:

A scientific calculator is essential.

Prerequisites:

4 credits at merit level in the Level 1 'Mechanics' externally assessed standard or with 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.

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:

A scientific calculator is essential.

Prerequisites:

12 credits in Level 2 Physics. Minimum of 10 external credits or with 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:

\$30 for field trip

Prerequisites:

Nil.

Students cannot enrol in both L1 Business Studies and L1 Innovation and Entrepreneurship (i.e. they must select one or the other, not both courses)!

Learning Strategies:

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

During the year students will devise a marketing strategy for a new or existing product.

They will also work in teams to form a business and develop a product of their choice to market and sell at Market Day.

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:

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

Students cannot enrol in both L2 Business Studies and L2 Innovation and Entrepreneurship (i.e. they must select one or the other, not both courses)!

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 (Young Enterprise Scheme)

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 carrying out the business activity over a number of months, in consultation with a specialist advisor.

The students will be supported by an outside business mentor 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.

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

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 achievement and unit standards.

This is not a university entrance pathway course.

Costs:

\$40 student trips.

Prerequisites:

Nil

Students cannot enrol in both L1 Innovation and Entrepreneurship and L1 Business Studies (i.e. they must select one or the other, not both courses)!

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 also learn how to apply the marketing mix to a new or existing product and how to develop a business plan. This will include promotional activities such as developing social media campaigns. Students will also undertake graphic design work to support their business.

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

19 credits, all internally assessed achievement and unit standards.

This is not a university entrance pathway course.

Costs:

\$40 for Field Trips

Prerequisites:

Nil.

Students cannot enrol in both L2 Innovation and Entrepreneurship and L2 Business Studies (i.e. they must select one or the other, not both courses)!

Learning Strategies:

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 also be supported by guest speakers.

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.

Main Areas of Study:

Students will learn how to develop an innovative idea for a business start-up and how to develop a market research plan. They will gain knowledge about how to define and attract a target market and how to budget and manage cash flow effectively. They will also create social media campaigns to build relationships with their 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 as a business, 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.

Main Areas of Study:

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

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

4 credits externally assessed and 13 credits internally assessed achievement standards.

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 earthquakes; geospatial analysis; managing geothermal resources: illegal ivory trade; and river environments.

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

4 credits externally assessed and 14 credits internally assessed achievement standards.

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. 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; predator free NZ 2050, urban growth Mexico city, and global topic such as coffee production.

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

4 credits externally assessed and 14 credits internally assessed achievement standards. 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 or Internally Displace Persons (IDPs) and a contemporary geographic issue such as ocean plastic.

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. Topics range from the Springbok Tour of 1981, the bombing of the Rainbow Warrior or an in depth look at conscription in WW1.

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 investigate the events of WW2 and its aftermath before, focusing on the period known as 'The Cold War'. We will examine 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.

L3HIS L3 History 19 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 2023

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.

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 with 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.

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 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; understanding the elements of a positive workplace environment and employee rights; 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 and tenancy agreements.

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 HoD.

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.

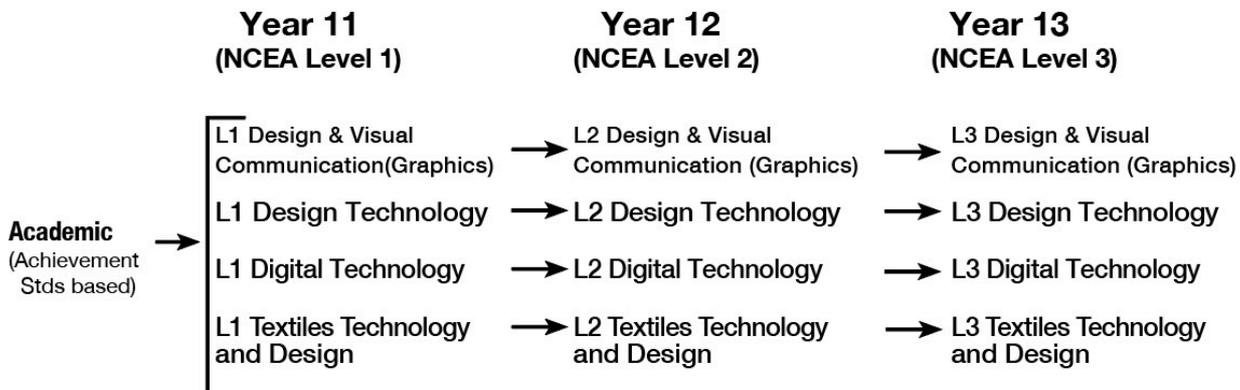
Technology makes enterprising use of knowledge, skills and practices for exploration and communication. With its focus on design thinking, technology education supports students to be innovative, reflective and critical in designing new models, products, software, systems and tools to benefit people 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:

\$190 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:

\$210

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. Note that this course uses the same standards as Creative Technology, and so students cannot do both courses.

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:

\$230

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.

L1DIT	L1 Digital Technology	20 credits	Yr: 11
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Assessment:

2 external Achievement Standard and 2 internal Achievement Standards

Costs:

\$40

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 - 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 Programming, Game or Web Design. This course will allow students to develop an excellent foundation of research, design, problem solving and digital technology skills which will complement many areas of tertiary study. (Computer Science, Information Science, Engineering, Architecture, Business Development, Design, Business Administration, and Engineering).

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:

- Develop a proposal and a Design for a Digital Outcome
- Construct a Computer Program or Game OR Web site design and development using HTML5 / CSS3 / PHP
- Demonstrate understanding of human computer interaction

L2DIT	L2 Digital Technology	19 credits	Yr: 12
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Assessment:

1 external Achievement Standard and 3 internal Achievement Standards

Costs:

\$40

Prerequisites:

Open entry – Digital Technologies at Level 1 and strong problem solving and mathematical skills are an advantage.

Learners with no prior Game or 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 Photoshop (\$10 licence available from school)

Learning Strategies:

This is a practical course where learners will learn how to create advanced media outcomes for Programming, Game or Web Design. They need to be able to work independently and have good self-management skills. This course will allow students to develop an excellent foundation of research, design, problem solving and digital technology skills which will complement many areas of tertiary study. (Computer Science, Information Science, Engineering, Architecture, Business Development, Design, Business Administration, and Engineering).

Main Areas of Study:

Year 12 Digital Technology (NCEA Level 2) extends the knowledge and skills learned in Year 11 Digital Technology. Students will strengthen core knowledge related to the management of digital information, including ethical issues relating to use of digital information and the key design elements and application software. Students will develop skills and knowledge of tools and techniques in the areas of digital information, digital media and computer programming. Students will apply their knowledge and skill as they are engaged in technological practice to develop their digital outcome.

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

Digital Media applications, technologies and skills taught include:

- conduct an inquiry to propose a digital technologies outcome and apply conventions to develop a design for a digital technologies outcome
- use advanced processes to develop a digital technologies outcome
- present a summary of developing a digital outcome (external)

L3DIT	L3 Digital Technology	20 credits	Yr: 13
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Assessment:

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

Costs:

\$40

Prerequisites:

Open entry – Digital Technologies at Level 2 and strong problem solving and mathematical skills are an advantage. Learners with no prior

Game or 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 Photoshop (\$10 licence available from school)

Learning Strategies:

This is a practical course where learners will learn how to create advanced media outcomes for Programming, Game or Web Design. Students need to be able to work independently and have good self-management skills. This course will allow students to develop an excellent foundation of research, design, problem solving and digital technology skills which will complement many areas of tertiary study. (Computer Science, Information Science, Engineering, Architecture, Business Development, Design, Business Administration, and Engineering).

Main Areas of Study:

Year 13 Digital Technology (NCEA Level 3) extends the knowledge and skills learned in Year 12 Digital Technology. Students will strengthen core knowledge related to the management of digital information, including ethical issues relating to use of digital information and the key design elements and application software. Students will develop skills and knowledge of tools and techniques in the areas of digital information, digital media and computer programming. Students will apply their knowledge and skill as they are engaged in technological practice to develop their digital outcome. Students will study the techniques that surround the creation of modern digital media.

Digital Media applications, technologies and skills taught include:

- Developing an effective proposal that meets the project requirements for a Digital Outcome that you will select.
- Defining the purpose, through research and the generation of ideas, developing a design appropriate for purpose.
- Creating - Developing the digital technologies outcome using complex processes through planning, trialling and testing.
- The External Report will focus on writing an reflective analysis of the development of your digital outcome.

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

Assessment:

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:

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) 21 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:

\$180 – includes all fabric, accessories, sewing equipment and workbooks.
There may be a cost for an off-site trip although this is optional.

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 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:

\$180 – includes all fabric, accessories, sewing equipment and workbooks.
There may be a cost for an off-site trip, although this is optional.

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 fabric. 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 a creative garment of their choice made from sustainable denim practices and a tailored shirt.

Students will also have opportunities with potential internships, working with practising fashion designers and a range of valuable and relevant trips.

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. There is also the potential for scholarship entry. **This is a university approved subject.**

Costs:

\$180 – includes all fabric, accessories, sewing equipment and workbooks.
There may be a cost for an off-site trip, although this is optional.

Prerequisites:

Students should have passed Level 2 or Level 1 Textiles 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 explore their own culture and interests to design a garment. Students will also develop fashion drawing techniques to help communicate ideas and concepts.

Main Areas of Study:

Students will learn complex practical skills. They will use their technical knowledge in the creation of a garment of their choice. This will be alongside a concept board used to support University interviews and portfolios.

Students will also have opportunities with potential internships, working with practising fashion designers and a range of valuable and relevant trips.

L1HOS L1 Hospitality**21 Credits****Yr: 11****Assessment:**

Unit standard credits that are internally assessed.
This is not a university entrance pathway course.

Costs:

Course fee total \$320 is made up of materials \$240 and assessment materials \$80.

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:

A combination of practical cookery, 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 the food industry. It aims to provide students with foundation skills in cookery and incorporates a wide variety of practical skills e.g. prepare and present meat dishes, egg and cheese dishes, fruit and vegetable dishes.

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 \$320 is made up of materials \$240 and assessment materials \$80.

Prerequisites:

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

Learning Strategies:

A combination of practical cookery, 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, fruit and vegetable cuts, and preparing, cooking and presenting foods using a variety of cooking methods.

L3HOS L3 Hospitality**19 credits****Yr: 13****Assessment:**

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

Costs:

Course fee total \$320 is made up of: materials \$240 and assessment materials \$80.

Prerequisites:

Having done L2 Hospitality is preferred, but you may be approved by the TIC Hospitality or HoF if numbers allow.
Must have paid the full course fees for the previous year (or made an arrangement with the school).
It is expected that you will have an electronic device to access some of the course content.

Unit Standard 167 - Food Safety, Level 2 is a prerequisite for all Level 3 practical assessments. If you do not hold this standard, you cannot to sit Level 3 practical assessments. You may be given the option to do this standard at the beginning of the year in lieu of a Level 3 standard.

Learning Strategies:

Independent research and investigation, practical cookery, written and practical assessments.

Main Areas of Study:

The course is designed as an introduction to working in a commercial kitchen environment, with standards being those usually taught in tertiary courses. The course will cover a range of topics including: nutrition, menu planning, coffee production, espresso coffee, chutneys and preserves, and sandwiches.

L2CNA L2 Construction Academy**32 Credits****Yr: 12****Assessment:**

Externally assessed unit standards by BCITO.
This is not a university entrance pathway course.

Costs:

\$350

Prerequisites:

Nil.

It is expected that you will have an electronic device to access the 'myBCITO' learning platform.

Note:

You would not normally take this course if you are doing the L2 Creative Technology course.
You are required to wear safety boots each time you are in the construction workshop. These must be purchased before the start of the school. All other PPE will be provided.

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**33 Credits****Yr: 13****Assessment:**

L3 externally assessed unit standards with a 'Health and Safety' and 'Site Safe' focus.

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 Creative Technology, Level 2 Science, Level 2 Construction Academy. Students who have studied other subjects will need to consult with the Programme Manager of Careers and Transition Pathways.

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 Practical Technology at Level 3.
You are required to wear safety boots each time you are in the construction workshop. These must be purchased before the start of the school year. All other PPE will be provided.

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, particularly leadership and problem solving skills. 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.

L3CRT Level 3 Creative Technology**18 Credits****Yr: 13****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:

\$230 Materials 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, such as modelling, design, etc.

Students cannot do both Design Technology and Creative Technology, as they cover the same standards.

You would also not normally take this course if you are taking Level 2 Construction, though exceptions may be made with HOF approval.

Learning Strategies:

This course focuses on creating wooden products such as surf boards, light fittings and furniture, using innovative production technology such as Laser cutting and composites. 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 traditional practical skills. While this course is practical and caters to all students, it is also an academic technology program offering achievement standards and is part of a university pathway.

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:

\$210 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, such as modelling, design, etc.

Students cannot do both Design Technology and Creative Technology, as they cover the same standards.

You would also not normally take this course if you are taking Level 2 Construction, though exceptions may be made with HOF approval.

Learning Strategies:

This course focuses on creating wooden products such as surf boards, light fittings and furniture, using innovative production technology such as Laser cutting and composites. 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 traditional practical skills. While this course is practical and caters to all students, it is also an academic technology program offering 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 Creative Technology 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 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.

