

Aparima College Senior Studies Booklet 2024

CONTENTS

Making Sensible Decisions	
How to Choose	
General Information NCEA	
Scholarship Information	
Correspondence, Gateway, STAR & Murihiku Tertiary Academy	
Comerse	Level 1
Accounting	Level 2
Agriculture	Level 1, 2 and 3
Building and Construction	Level 1, 2 and 3
Business Studies.....	Level 2 and 3
Digital Technology	Level 1
Digital Technology	Level 2
Digital Technology	Level 3
English	Level 1
English	Level 2
English	Level 3
Financial Literacy	Level 2
Financial Literacy	Level 3
Food Technology – Hospitality & Cookery	Level 1, 2 and 3
Humanities	Level 1
Humanities	Level 2
History.....	Level 3
Mathematics.....	Level 1, 2 and 3
Outdoor Recreation.....	Year 12 and 13
Physical Education, PE and Health.....	Level 1 and 2
Science	Level 1
Biology	Level 2 and 3
Chemistry	Level 2 and 3
Physics	Level 2 and 3
Te Reo Māori	Level 1
Sustainability	Level 2 and 3
Visual Art.....	Level 1
Visual Art	Level 2
Visual Art.....	Level 3
My Choices	

NOTE: Courses may or may not run based on student numbers.



Welcome to Aparima College in 2024

Choosing a course or subjects at school

As you work through NCEA Levels 1-3, you will need to make decisions about what courses or subjects to study.

At Level 1 (Year 11) you should take a broad range of courses that will lead on to more specialised subjects. In Years 12 and 13, start thinking about what areas you need to focus on for your future study or career.

Your Level 2 results are important, as these are often used as part of the selection process by universities, polytechnics and employers. You may need to take particular Level 3 standards as an entry requirement for some tertiary courses.

Compulsory subjects

At Aparima College we highly recommend that students study English, Mathematics and Science at Year 11.

From 2024, all learners need to achieve a 20-credit co-requisite. This recognizes competency in literacy and numeracy. The co-requisite is a one-off requirement. Students have from Year 10 – 12 to gain the requirement. Credits used towards the co-requisite cannot be used towards the 60 credit NCEA qualification.

Choosing subjects

To make decisions about what other courses or subjects to take, there are some key things to consider.

What do I enjoy and what am I good at?

The chances of doing well and achieving the standards you enter are better when you enjoy the subjects or have a natural talent for them. These are subjects you should look at first when choosing your course.

If you are thinking of a subject, but don't know much about it, talk to a teacher.

What do I want to do after school?

It is sensible to choose subjects that relate to what you want to do after you leave school. Many careers or qualifications have special requirements.

For example, if you want to be a motor mechanic it makes sense to consider one of the technology subjects like metalwork. Or, if a career in medicine appeals to you, you would be advised to do science subjects like chemistry and biology.

If you don't know what you want to do, the best path is to do as broad a range of subjects as possible, to keep your options open.

Seek help if required

Whatever stage you're at, look for advice and think carefully about what you're told. Ask parents, friends, teachers and careers advisors.

NCEA Levels and Certificates

There are three levels of NCEA certificate, depending on the difficulty of the standards achieved. At each level, students must achieve 60 credits to gain an NCEA certificate. Credits can be gained over more than one year.

NCEA Level Requirements

Level 1 - 60 credits are required at any level (level 1, 2 or 3) excluding 20 credits from the [literacy and numeracy co-requisites](#). Literacy and numeracy standards can be achieved in the compulsory English and Mathematics courses.

Level 2 - 60 credits at level 2 or above. The Level 1 [literacy and numeracy](#) requirements must also be met.

Level 3 - 60 credits at level 3 or above. The Level 1 [literacy and numeracy](#) requirements must also be met.

Credits cannot be carried over from one year to the next.

Once the literacy and numeracy credits have been achieved, they carry into each level. The co-requisite is a one-off requirement.

Multi-level study

Many schools allow students to study a mix of standards at different levels, depending on their ability. For example, in year 12, a student may study most subjects at level 2, but add a new subject at level 1 and another advanced subject at level 3. In addition, students may study multi-level courses with standards assessed at more than one level, e.g. an English course at year 11 may contain both level 1 and level 2 standards.

Recognising High Achievement

Certificates can be 'endorsed' to reflect high achievement in a significant number of standards. Course endorsements will show that students have performed well in an individual course.

HOW TO CHOOSE

Ability

Firstly, take your ability (how good are you at a subject; how easily you understand it). Your test marks and your work will help you to estimate your ability. Discuss your ability with your teacher as you might have a false idea of how well you can do some things.

Be careful not to under-rate your ability.

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Interest

Add to your ability your interest (what you enjoy doing).

Reasons for enjoyment might be because of the work, the teacher, or because you seem to be good at it.

You gain more satisfaction and will probably reach a higher standard in your work if you are interested in it.

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Occupation

You may not know what you would like to do when you leave school. Most people don't. But if you do know or if you have ideas about what you might do, you can find out what subjects might be needed.

Maths is necessary in so many careers that you should include it if possible.

Guidance and Careers staff are most willing to help you think this through.

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Subject Choice

Go through the possible subjects listed and put a big tick alongside each possibility, then investigate those subjects thoroughly.

NCEA Endorsements

Recognising High Achievement with 'Endorsements'

When students perform consistently above the 'Achieved' level, their results can be 'endorsed' to reflect that high achievement. This can occur at either the Certificate or individual course level.

Certificate Endorsement

If a student gains 50 credits at Excellence, their NCEA will be endorsed with Excellence. Likewise, if a student gains 50 credits at Merit (or Merit and Excellence), their NCEA will be endorsed with Merit. The Record of Achievement shows endorsement awards.

Credits earned can count towards an endorsement over more than one year and more than one level. However, they must be gained at the level of the certificate or above. For example, Level 2 credits will count towards endorsement of a Level 1 NCEA, but Level 1 credits will not count towards endorsement of a Level 2 NCEA.

Course Endorsement

Course endorsement provides recognition for a student who has performed exceptionally well in an individual course. Students will gain an endorsement for a course if, in a single school year, they achieve”.

- 14 or more credits at Merit or Excellence, and at least 3 of these credits from externally assessed standards and 3 credits from internally assessed standards. NOTE: this does not apply to Physical Education, Religious Studies and Level 3 Visual Arts.

A course endorsement is not a qualification. A course endorsement can be awarded even if a qualification for that level is not achieved. For example, a student may achieve a Merit endorsement for their Level 2 Mathematics course regardless of whether they achieve NCEA Level 2.

University Entrance

The requirement below will continue to be the **minimum** requirement for entry to university.

Students will need all of the following to be awarded UE:

- attain NCEA Level 3
- achieve 14 credits at level three in **each of three subjects from the list of approved subjects**. The list of approved subjects will consist of subjects derived from the *New Zealand Curriculum* with achievement standards at Level 3
- achieve UE numeracy - 10 credits at Level 1 and above from specific achievement standards, or three specific numeracy unit standards
- achieve UE literacy - 10 credits (five in reading and five in writing) at Level 2 and above from specific standards.

List of Approved Subjects

Aparima College offers the following approved subjects at Level 3 for University Entrance:

Accounting, Biology, Chemistry, Digital Technology, Design and Visual Communication, English, History, Mathematics, Business Studies, Physics, Visual Art & Photography and Sustainability.

How will this be implemented?

NCEA Level 3

Students will need to attain NCEA Level 3. Three of their subjects, in each of which they need to achieve at least 14 credits, must be on the list of approved subjects. Any remaining credits from Level 3 or higher that they need in order to gain their Level 3 NCEA can come from any field, subfield or domain. This means that credits from unit standard-based subjects can contribute to UE through this requirement.

Numeracy

Students in Year 11 who achieve NCEA Level 1 will have also met the UE numeracy requirement (see details of the [NCEA Level 1 numeracy](#) requirements).

Literacy

Students in Year 12 may meet their UE literacy requirement through a range of Level 2 or above standards.

14 credits at level three in each of three subjects

Those students intending to study at degree-level must achieve 14 credits at Level 3 in **each of THREE subjects** from the list of approved subjects.

Are you considering doing Scholarship this year?

Scholarship provides recognition and monetary reward to top students in their last year of schooling. Scholarship exams enable candidates to be assessed against challenging standards and are demanding for the most able candidates in each subject.

Scholarship candidates are expected to demonstrate high-level critical thinking, abstraction and generalisation, and to integrate, synthesise and apply knowledge, skills, understanding and ideas to complex situations.

Entry to Scholarship

Students can enter for Scholarship through an accredited New Zealand secondary school. For full details of the entry requirements, see [NCEA Rules and Procedures - Secondary Schools](#).

There are separate fee structures for domestic students and international students. A fee of \$30 (GST incl.) per subject will now be charged for entry into New Zealand Scholarship. International students can enter Scholarship (although they won't get any monetary award) at a cost of \$102.20 per subject.

Eligibility to receive a monetary award

To be eligible to receive a scholarship award, the student must be enrolled in tertiary study in New Zealand for the years in which they receive monetary awards. For awards with second or subsequent year payments recipients must maintain a 'B' grade average during their tertiary study in New Zealand. For full details of the eligibility requirements, see [NCEA Rules and Procedures - Secondary Schools](#).

How many candidates are awarded Scholarship?

Approximately 3 per cent of Year 13 students studying each subject at level 3 are awarded Scholarship, if they reach the standard that has been set. There is some tolerance around the 3 per cent, mainly for those subjects with few candidates. See [Scholarship subjects](#) for a list of this year's scholarship subjects.

How are Scholarship exams marked?

Markers allocate a score of 0-8 for each question in the Scholarship exams using subject specific schedules. These are based on a Generic Marking Guide, as follows:

- An answer given a score of 8 is an *Outstanding answer in all respects. Strong evidence of integration and synthesis. As good as could be expected under examination conditions. Accurate, comprehensive, coherent, lucid, perceptive.*
- A score of 1 shows *Meagre understanding relevant to the question.*
- 0 is awarded for answers that are blank or irrelevant.

The work of the highest scoring candidates is reviewed by marking panels, to identify the top candidates in each subject. Exam booklets for candidates whose scores are close to either the Scholarship or Outstanding cut-offs are also re-marked, to ensure their results are correct.

Exams have between 3 and 6 questions and the scores for each question are indicated in the candidates' exam booklets, which are returned soon after the results.

Scholarship results and winners

Scholarship results are released towards the end of February each year.

NOTE: for more information regarding the entries in blue go to the NZQA website: www.nzqa.govt.nz

Correspondence, Gateway and STAR

There are a variety of Correspondence, NetNZ, Gateway and STAR subjects available for students who have had career counselling and have already established a desire to follow a specialised career pathway.

Students must have discussed these options with their Dean, the Correspondence or the STAR or Gateway Co-ordinators. **NOTE: Approval must be given by the Deputy Principal before undertaking these courses.**

Eligibility to Undertake Courses

- To be eligible to study a correspondence subject and/or participate in the STAR/Gateway programmes students must maintain a good attendance record, acceptable classroom behaviour, and keep achieving within their other subject areas.

Correspondence

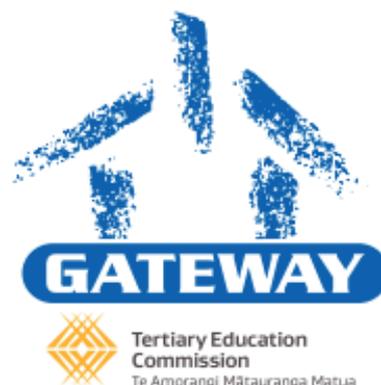
- Correspondence subjects are offered by Te Kura. These are completed at school, under supervision, and for homework. Students undertaking a correspondence subject need to have a good individual time management skill and the ability to work on their own. These courses of study involve substantial written and reading work.

STAR

- STAR subjects are offered by outside tertiary providers including the Southern Institute of Technology (SIT). There are other courses available offered by other providers. STAR courses may involve being out of school one day a week or may be done 'online' or through correspondence.

Gateway

- The Gateway programme provides senior students with a range of structured learning opportunities in workplaces. These learning opportunities are integrated with students' school-based studies. Students on Gateway must gain 20 credits in a related subject are e.g. chef – Hospitality credits, building – Building and Construction.



For some students, the Gateway programme provides the opportunity to embark on study towards a national qualification in their career of choice. For others, it allows more general skills to be developed and applied in a work context and helps these students better understand the relevance of such skills to their classroom learning.

A student who is enrolled in the Gateway Programme **MUST** have a placement in the workplace. This can be done during school time e.g. 1 day a week, out of school time e.g. holidays, weekends or after school OR a combination of both. There they will work and learn new skills in the workplace and be assessed by an accredited workplace assessor. Students will be assessed against Unit Standards and other qualifications registered on the New Zealand Qualifications Framework. For example, a student may be able to begin their apprenticeship while they are still at school.

Murihiku Tertiary Academy



How it works

- If you are going to be a Year 12 or 13 secondary student in 2023. The Tertiary Academy courses at SIT will help you get ready for higher-level study, an apprenticeship or a job.

You will

- Gain NCEA credits
- Do real, practical, work-based learning
- Study one day a week at SIT and other venues and go to school as normal for the rest of the week. (Full year)
- Get an idea of the career you want to follow, what is on offer or more information, see Mrs Ward or email hward@aparima.school.nz

What is on offer

Level 2	
Agriculture	Audio – Music Technology
Auto – Mechanical	Building – Marere o Tonga (House of Peace)
Electrotechnology	Equine
Game, Art & Design	Health & Support Service
Joinery/Building	
Hairdressing	
Beauty Therapy	

Level 3	
Animal Care	
Digital Design & Animation (University Approved Subject)	
Individual & Group Fitness	
Introduction to Nursing	
Massage Therapy	
Outdoor Skills for Emergency Services	

For more information see Mrs Ward or email hward@aparima.school.nz

Commerce

Level: NCEA 1

Pre-requisites: None

Equipment Needed: Calculator, hard cover exercise book.

Information:

The NCEA Level 1 Commerce course covers a range of Achievement Standards, two assessed internally during the year and one standard that is assessed externally which provides the opportunity to gain a subject endorsement. All three standards are compulsory.

The course aims to provide 15 Level 1 credits, and to help students gain subject and overall endorsements plus an insight into the world of finance and business.

Achievement Standards

Code	Standard	Version	Credits	Int/Ext	Indicative Date
92028	AS 1.1	Version 2	5 credits	Internal	3 April
92029	AS 1.2	Version 2	5 credits	Internal	29 July
92031	AS 1.4	Version 2	5 credits	External	12 Oct/Nov exam

Course endorsement: You can gain a course endorsement in Commerce by gaining 14 credits at Merit or Excellence which must include at least 3 internal credits and 3 external credits at the appropriate level.

Homework requirements: To be successful, homework must be completed as the class moves on with the next new topic during each class. Term 4 is based around revision for external assessments. Do not hesitate to contact me by email if you require assistance with your homework, alternatively see me during interval or lunchtime.

Absence from class / course completion requirements Candidates are required to attend all classes on a regular basis (as per school attendance regulations). Class work and homework will be completed to a reasonable standard. All units will be available on Google Classroom and can be accessed from home.



Accounting

Level: NCEA 2

Pre-requisites: NCEA Level 1 Accounting/Level 1 Unit Standards

Equipment Needed: Calculator, Three Column paper, 8 Column paper, Journal paper and 2B8 exercise book

Information:

At this level we build on what has been introduced at Year 11 for a sole proprietor with an emphasis on the accounting systems which provides for the management of a business. Students taking this course will be offered up to 24 credits in Accounting Achievement Standards towards the National Certificate of Educational Achievement (Level 2) as follows.

Achievement Standards

Standard	Details	Credits
90220 Acc2.1	Describe the conceptual basis of accounting for a sole proprietor	3 External
90222 Acc2.3	Investigate and report on accounting subsystems	4 Internal
90223 Acc2.4	Demonstrate understanding of accounting process for accounting subsystems	5 External
90224 Acc2.5	Prepare financial statements and related accounting entries for sole proprietors	5 External
90225 Acc2.6	Analyse and interpret information and make recommendation(s) for a sole proprietor	4 External
90226 Acc2.7	Use computer software to process financial transactions for a sole proprietor	3 Internal

Unit Standards may be offered.

Future Directions		
Accounts Clerk	Customs Broker	Management Accountant
Administration/Accounting	Economist	Manager
Auditor	Exporter	Managing Director
Bank Manager	Financial Accountant	Sharebroker/Dealer
Bank Officer	Financial Planner	Small business owner
Bank Teller	Importer	Underwriter
Cost Accountant	Insurance Work	Wages Clerk

Agriculture

Level: 1, 2 and 3

Information:

Students will be working with Primary Industry Training Organisation units to gain credits towards National Certificates. Many of the units' cross credit across the various certificates and as well credits may be counted towards NCEA level 1, 2 and 3.

Students will complete several Achievement Standards as well.

Some of the unit standards may not be carried out due to lack of time or similar reasons. Wherever possible time is allowed for in the programme for reassessments or completion of unit standards. There will be changes made in order to best fit the requirements of final class numbers and year levels involved.

Unit	Unit Standard	Level	Credit
<i>Agricultural Vehicles and Machinery</i>			
19044	Describe the legal requirements and occupational hazards associated with tractor use	2	2
<i>Farming Skills</i>			
19116	Demonstrate knowledge of livestock behaviour and animal welfare	2	2
<i>General Agriculture</i>			
19145	Describe hydration, nutrition, and sleep in relation to physical well-being of agriculture workers	2	4
23540	Demonstrate knowledge of hazards, hazard control, and the consequences of injury in a rural workplace	2	5
23541	Locate hazards, describe safety procedures, and demonstrate safe work practices in a rural workplace	2	5

Unit	Unit Standard	Level	Credits
<i>Agricultural Vehicles and Machinery</i>			
24554	Ride an All-Terrain Vehicle (ATV) on flat terrain	2	4
24555	Demonstrate knowledge of the safe operation of a motorcycle	2	3

Unit	Unit Standard	Level	Credits
<i>General Agriculture</i>			
19136	Demonstrate the social requirements for daily living in the rural industry	1	2

Unit	Unit Standard	Level	Credit
18192	Demonstrate knowledge of how cows produce milk	2	2

Unit	Unit Standard	Level	Credits
<i>Agricultural Vehicles and Machinery</i>			
24557	Demonstrate knowledge of the safe operation of an All-Terrain Vehicle (ATV)	2	3
24559	Ride an All-Terrain Vehicle (ATV) on undulating terrain	3	6
24561	Ride an All-Terrain Vehicle (ATV) with trailed equipment	3	2
24563	Ride an All-Terrain Vehicle (ATV) with mounted equipment or a load	3	4

Unit	Unit Standard Title	Level	Credits
<i>Fencing</i>			
561	Install, dismantle and store temporary electric fences	2	2
24832	Open and draw out a coil of wire, tie knots, join wire and prepare wire for transport and storage	2	5
24833	Identify and maintain fencing tools and equipment and identify fencing construction materials and wire types	2	3

Unit	Unit Standard Title	Level	Credits
<i>General Agriculture</i>			
23541	Locate hazards, describe safety procedures and demonstrate safe work practices in a rural workplace	2	5

Unit	Unit Standard	Level	Credits
<i>Pest Control</i>			
21554	Demonstrate knowledge of safety with agrichemicals	2	3

Unit	Unit Standard	Level	Credits
18191	Demonstrate knowledge of safe handling and health problems of dairy cattle associated with milking	2	3
19147	Describe the activities and hazards in a wool shed during shearing for a farm perspective	2	2
19143	Perform calculations for primary production situations	2	4
21555	Demonstrate knowledge of weeds and their control	3	4
19149	Describe lambing, and the procedures for assisting ewes having difficulty lambing	3	4

Unit	Achievement Standard	Level	Credits
91929	Demonstrate understanding of factors that influence the purpose and location of primary production	1	5
91928	Demonstrate understanding of a life process and how it is managed in a primary production system	1	6



Building and Construction

Level: 1 and 2

Pre-requisites: None

Equipment Needed: Enclosed Leather Shoes

Information:

This course will equip the students with skills that will enable them to seek employment in the building and construction industry, however, the skills learnt will be applicable to any of the trades i.e. carpentry, joinery, welding and sheet metal work.

Unit Standards Level 1

Unit	Details	Level	Credit
92012	Develop a Materials and Processing Technology outcome for an authentic context	1	6 Internal
or			
92013	Develop a Materials and Processing Technology outcome by transforming, manipulating, or combining different materials	1	6 Internal
or			
92014	Demonstrate understanding of sustainable practices in the development of a Materials and Processing Technology design	1	4 External
or			
92105	Demonstrate understanding of materials and techniques for a feasible Materials and Processing Technology outcome	1	4 External

Unit Standards Level 2

Unit	Details	Level	Credit
24350	Identify, select, maintain and use portable power tools for BCATS Projects	2	6
24351	Demonstrate knowledge of and use specified fixed machinery in construction of BCATS Projects	2	6
31812	Complete a BCATS Project	2	6
12927	Identify, select, maintain and use hand tools for BCATS project	2	6



Building and Construction

Level: 3

Pre-requisites: Level 2 Building and Construction

Equipment Needed: Enclosed Leather Shoes and a scrap book

Information:

This course will equip the students with skills that will enable them to seek employment in the building and construction industry, however, the skills learnt will be applicable to any of the trades i.e. carpentry, joinery, welding and sheet metal work.

Unit Standards Level 3

Unit	Details	Level	Credit
29681	Measure and calculate for a stage 3 BCATS Project	3	3
29681	Select use and maintain tools, equipment and machinery for a stage 3 BCATS Project	3	4
29684	Undertake a stage 3 BCATS Project	3	12



Business Studies

Level: 2 and 3

This course offers NCEA credits and a Micro-credential in Enterprise.

Information:

Through the Young Enterprise Scheme (YES) you run a virtual company for Terms 1, 2 and 3, and have opportunities to practise hands-on business skills as well as making a profit, giving back to your community, winning prizes at regional and national levels, and making friends across New Zealand. You may choose to work alone as a 'sole trader' or in a group. More than 50% of YES students go on to run their own business in the future.

During Term 4 you have the option to take Business Studies external papers which help you gain course endorsements and prepare your career path for a future in Commerce, Business, Agribusiness and Enterprise. The external papers cover business concepts and company case studies.

Year 12 AS 91846 2.4	Conduct Market Research for a new or existing product	3 credits
AS 91848 2.6	Carry out a business activity within a community context with guidance	9 credits
AS 90843 2.1(exam)	Demonstrate understanding of the internal operations of a large business.	4 credits
AS 90844 2.2(exam)	Demonstrate understanding of how a large business responds to external factors.	4 credits

Year 13 AS 91382 3.4	Develop a Marketing Plan for a new or existing product	6 credits
AS 91384 3.6	Carry out, with consultation, an innovative and sustainable business activity	9 credits
AS 91379 3.1 (exam)	Demonstrate understanding of how internal factors interact within a business that operates in a global context.	4 credits
AS 91380 3.2 (exam)	Demonstrate understanding of strategic response to external factors by a business that operates in a global context.	4 credits



Digital Technology

Level: NCEA Level 1

Pre-requisites: None

Information:

Year 11 Digital Technology (NCEA Level 1) extends the knowledge and skills learned in Year 10. Students will strengthen core knowledge related to the management of digital information, including ethical issues relating to use of digital information. 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 own computer game/website and related promotional materials.

This year you will be tasked with designing and building a website. Your first step will involve developing a comprehensive proposal and design for the website, outlining its features and content. Once the design is solidified, you will embark on the process of creating the website, through coding your own work (HTML & CSS). This development phase will follow an interactive approach to ensure a seamless user experience. Throughout the year, the emphasis will be on understanding human-computer interaction, a critical aspect that will enable you to write the external report evaluation your project's success.

A list of possible Unit and Achievement Standards that the student may build their course around:

Standard	Version	Credits
AS92005	Develop a digital technologies outcome	5 Internal
AS92006	Demonstrate understanding of usability in human-computer interfaces	5 External
AS92007	Design a digital technologies outcome	5 External
US9646	Use computer technology to create and deliver a presentation from given content	3 Internal
US18743	Produce a spreadsheet from instructions using supplied data	2 Internal
US18758	Find information using the Internet	2 Internal
US5946	Use computer technology to create and deliver a presentation from given content	3 Internal
US18743	Produce a spreadsheet from instructions using supplied data	2 Internal
US18758	Find information using the Internet	2 Internal
US25659	Create a web page using a mark-up language with a text editor	2 Internal
US26745	Produce still images for a range of digital media	3 Internal

Overall, the course will allow students to mix and match a variety of Achievement and Unit Standards to enable them to develop an excellent foundation in research, design, problem solving and digital technology skills which will complement many areas of tertiary studies (Computer Science, Information Science, Design, Business Administration & Engineering)

Digital Technology

Level: NCEA Level 2

Pre-requisites: None

Information:

Year 12 Digital Technology (NCEA Level 2) extends the knowledge and skills learned in NCEA Level 1. The course requires the students to undertake technological practice to create ‘fit for purpose’ digital outcomes. As part of this practice students plan, develop, test and evaluate these against the requirements of the brief. Students will further enhance their skills and knowledge of tools and techniques in the areas of digital information, digital media and computer programming.

This year you will be creating Digital Outcome of your choosing to fulfil a Need or Opportunity. You are required to conduct an Inquiry for a Proposal and apply conventions to Design the outcome. You will then proceed to use advanced processes to develop the outcome. The External Report will focus on writing a summary of the development of your digital outcome.

A list of possible Standards that the student may build their course around:

Standard	Version	Credits
AS98190	Conduct an inquiry to propose a digital technologies outcome	6 Internal
AS91891	Apply conventions to develop a design for a digital technologies’ outcome	3 Internal
AS91893	Use advanced techniques to develop a digital media outcome	4 Internal
AS91897	Use advanced processes to develop a digital technologies outcome	6 Internal
AS91899	Present a summary of developing a digital outcome	3 External
US2784	Create and use a computer spreadsheet to solve a problem	3 Internal
US2788	Produce desktop published documents to meet a set brief	5 Internal
US5940	Produce a presentation using a desktop presentation computer application	3 Internal
US18740	Create a simple computer program to meet a set brief	3 Internal
US25656	Create a website using a mark-up language to meet a set brief	3 Internal

Overall, the course will allow students to mix and match a variety of Achievement and Unit Standards to enable them to develop an excellent foundation in research, design, problem solving and digital technology skills which will complement many areas of tertiary studies. (Computer Science, Information Science, Design, Business Administration & Engineering)

Digital Technology

Level: NCEA Level 3

Pre-requisites: None

Information:

Year 13 Digital Technology (NCEA Level 3) extends the knowledge and skills learned in NCEA Level 1 & 2. The course requires the students to be able to demonstrate understanding of complex concepts related to the one or more of the following strands.

- Digital Information
- Computer Science (Programming)
- Digital Media

This year you will be creating Digital Outcome of your choosing to fulfil a Need or Opportunity. You are required to conduct an Inquiry for a Proposal and apply conventions to Design the outcome. You will then proceed to use advanced processes to develop the outcome. The External Report will focus on writing an analysis of the development of your digital outcome.

Standard	Version	Credits
AS91900	Conduct a critical inquiry to propose a digital technologies outcome	6 Internal
AS91901	Apply user experience methodologies to develop a design for a digital technologies' outcome	3 Internal
AS91906	Use complex programming techniques to develop a computer program	6 Internal
AS91907	Use complex processes to develop a digital technologies outcome	6 Internal
AS91909	Present a reflective analysis of developing a digital outcome	3 External
US2785	Create a computer spreadsheet to provide a solution for organisation use	5 Internal
US2789	Produce desktop published documents for organisation use	6 Internal
US5947	Use computer technology to solve a specified problem	3 Internal
US5953	Create and monitor a project plan using a computer application	3 Internal
US18741	Create a computer program to provide a solution	6 Internal
US24872	Produce documents for a workplace using a computer	3 Internal
US25657	Create a website for a stakeholder using a mark-up language	6 Internal

Overall, the course will allow students to mix and match a variety of Achievement and Unit Standards to enable them to develop an excellent foundation in research, design, problem solving and digital technology skills which will complement many areas of tertiary studies (Computer Science, Information Science, Design, Business Administration & Engineering)

English

Level: NCEA Level 1

Information:

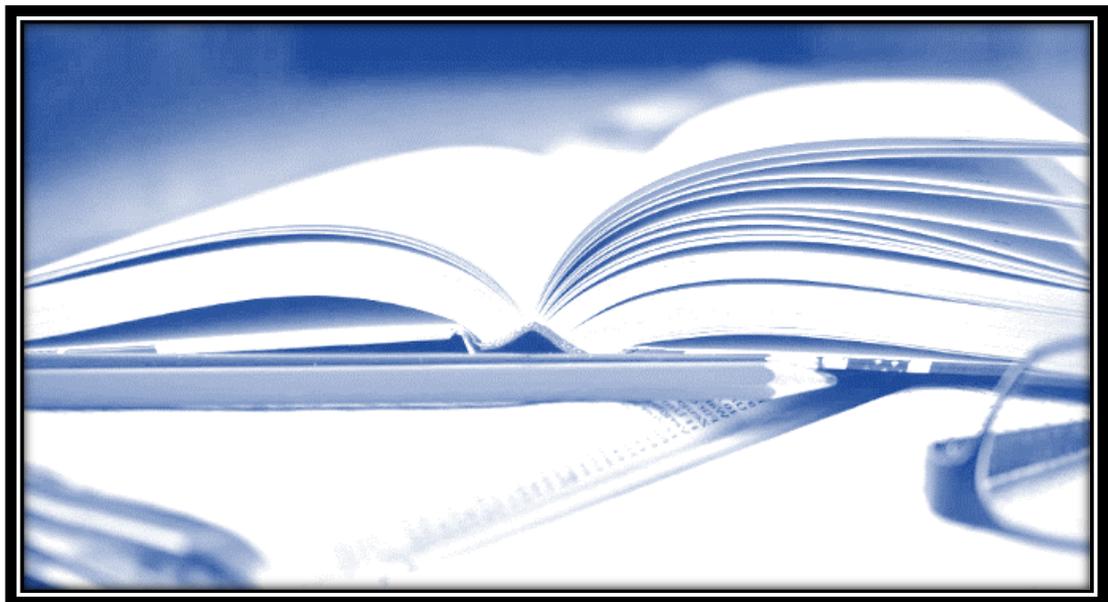
This course aims to build on the NCEA literacy corequisite and continue to develop academic English. Two standards will be assessed internally, along with one compulsory external examination and another external which may be available to endorsement students at the teacher's discretion.

Achievement Standards

Standard	Details	Credits
91924 AS 1.1	Demonstrate understanding of how context shapes verbal language use.	5 Internal
91925 AS 1.2	Demonstrate understanding of specific aspects of studied text.	5 Internal
91926 AS 1.3	Develop ideas in writing using stylistic and written conventions	5 External
91927 AS 1.4 At Teacher's discretion	Demonstrates understanding of significant aspects of unfamiliar texts	5 External

Future Directions

Literacy and English are useful for most careers



English

Level: NCEA Level 2

Pre-requisites: Good results at Level 1 including the external exam.

Information:

A course of English is advised but not compulsory at Year 12 and leads towards the National Certificate of Educational Achievement Level 2. This course aims to strengthen literacy and academic English.

The NCEA Level 2 External Examination English course covers 3 Achievement Standards, assessed internally during the course of the year, and up to 2 standards taken externally in November. Homework comprises regular reading and literary analysis, plus study towards specific standards and revision for external essay-based examinations. Students will aim to gain a minimum of 17 credits and will select from the following standards:

Achievement Standards

Standard	Details	Credits
91101 AS 2.4	Produce a selection of crafted and controlled writing	6 Internal
91104 AS 2.7	Analyse significant connections across texts	4 Internal
91107 AS 2.10	Analyse aspects of visual and/or oral texts through close viewing and/or listening	3 Internal

Choose 1 or 2 standards from the following:

91098 AS 2.1	Analyse specified aspects of studied written texts	4 External
91099 AS 2.2	Analyse specified aspects of studied visual or oral texts	4 External
91100 AS 2.3	Analyse significant aspects of unfamiliar written texts	4 External

Future Directions

Students will be encouraged to enter debating, film and writing competitions. English leads to a wide range of jobs and other qualifications including marketing, law, journalism, business, management, marketing, teaching, museum directorship and librarianship.

Level: NCEA Level 3

Pre-requisites: Good results at Level 2 including the external exams.

Information:

A course of English at Year 13 leads towards the National Certificate of Educational Achievement Level 3 and to prepare student for tertiary studies as well as life beyond school. Students can gain enough credits for a University Entrance *basket* and for course endorsement.

Coursework has a focus on evaluating visual media including films and their directors. In addition, the course helps students to develop critical thinking skills and to write for a range of audiences and purposes. If you want to know the difference between fact and conspiracy, and then persuade your friends to believe you, this course is for you!

Achievement Standards

Standard	Details	Credits
91473 AS 3.2	Respond critically to specified aspects of studies visual or oral texts, supported by evidence	4 External
and/or 91474 AS 3.3	Respond critically to specified aspects of unfamiliar written texts	4 External
91475 AS 3.4	Produce a selection of fluent and coherent writing which develops, sustains and structures ideas	6 Internal
91476 AS 3.5	Create and develop a fluent and coherent oral text	3 Internal
91479 AS 3.8	Develop an informed understanding of literature and/or language using critical texts	4 Internal
91480 AS 3.9	Respond critically to significant aspects of visual and/or oral texts through close reading, supported by evidence	3 Internal

Future Directions

Students will be encouraged to enter film and writing competitions. English leads to a wide range of jobs and other qualifications including marketing, media, law, journalism, business, management, teaching and librarianship.

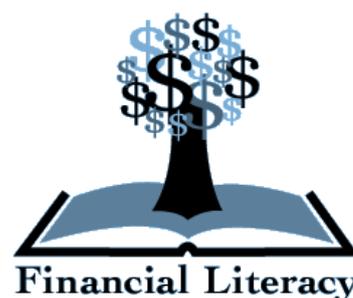


Financial Literacy

Level: NCEA Level 2

Pre-requisites: None

Equipment Needed: Nil



Information:

In the financial literacy course, we will look at the financial issues the students will need to be able to understand and be able to complete to function successfully when they leave school. The students will be able to produce a balanced budget with changing circumstances, have an understanding of how the banking systems work and what products are available for them to utilise and learn the steps needed to be able to purchase major items that meet their needs (cost/aesthetics etc).

The National Educators Council defines financial literacy as the ability to confidently take effective action to fulfil personal, family, and global community goals. To achieve this, students must develop a multifaceted skill set, including budgeting, understanding banking systems, and making informed purchasing decisions.

Microsoft Word and Excel are not only software tools but also practical assets that can assist students as they prepare to leave school and transition into the workforce. They empower students with essential skills for managing their finances, communicating professionally, and possibly pursuing careers in various industries. By integrating these tools into the financial literacy curriculum, this provides students with a solid foundation for success in both their personal and professional lives.

	Standard	Version	Credits
Managing income	US 28092	Analyse the effect of significant life events at different life stages on personal financial income	3 Internal
Credit and debt	US28093	Describe the financial responsibilities and consequences of tertiary study funding options	3 Internal
Setting goals & budgeting	US 28094	Produce a balanced household budget and adjust the budget to reflect changing financial circumstances	3 Internal
Spending and transactions	US 28097	Analyse and select banking products and services in relation to personal finances	3 Internal
Microsoft Word	US26769	Use the main features and functions for a word processing application for a purpose	4 Internal
Microsoft Excel	US29770	Use the main features and functions of a spreadsheet application for a purpose	4 Internal

Financial Literacy

Level: NCEA Level 3

Pre-requisites: None

Equipment Needed: Nil

Information:

In the financial literacy course, we will develop a really strong understanding of the financial issues that students will need to complete to function successfully when they leave school. The students will review options to increase personal income, the effect risk has on your finances. As well as developing a long-term financial plan and investigating different options in buying a property.

Microsoft Word and Excel serve as valuable resources for students as they prepare to leave school and embark on their journey into the workforce. These tools empower students with practical skills for effective communication, financial management, and data analysis. By integrating these applications into the financial literacy curriculum, this provides students with a well-rounded skill set that can be instrumental in both personal and professional contexts. Whether it's crafting professional documents, managing budgets, or pursuing opportunities in various industries, the proficiency gained through these software tools equips students with versatile capabilities that can enhance their prospects and help them navigate the challenges of the real work with confidence.

	Standard	Version	Credits
Managing income	US28098	Evaluate options to increase personal income	3 Internal
Setting goals & budgeting	US28100	Develop a plan to achieve a long-term personal financial goal(s)	4 Internal
Spending and transactions	US28103	Analyse and select personal financing options for purchasing a property	4 Internal
	US28104	Analyse the impact(s) of external factors on personal finances	3 Internal
Microsoft Word	US29785	Use a word processing application to integrate images, spreadsheet and database data into documents	5 Internal
Microsoft Excel	Us29786	Produce a spreadsheet for organisational use	5 Internal



Food Technology – Hospitality & Cookery

Level: 1, 2 and 3 (Year 11, 12 and 13)

Pre-requisite: N/A

Equipment Needed: Enclosed Leather Shoes, Clear file.

Information:

Food Technology at the senior levels focuses on preparing students for work as professionals in the hospitality industry. Working in conjunction with Te Pukenga, New Zealand's Institute of Skills and Technology, students will gain knowledge in the commercial preparation of food, catering for school functions and wider community events, masterclasses at Aparima College with leading New Zealand chefs, barista techniques and placement in commercial kitchens. Credits attained from this course will also contribute to students' NCEA. The acquired knowledge and skills from these experiences will equip students with industry standard qualifications providing them with a variety of exciting vocational pathways including placement into tertiary institutions such as SIT, acceleration into second-year hospitality apprenticeships and work in the tourism sector.

Topics for Level 1 will include:

- Prepare and present hot finger food in the hospitality industry.
- Prepare and cook cakes, sponges and scones in the hospitality industry.
- Demonstrate knowledge of boiling and baking in the commercial catering industry.
- Demonstrate knowledge of frying and grilling as cookery methods in the commercial catering industry.
- Prepare, construct, and garnish mocktails for the hospitality industry.
- Barista course: coffee appreciation.



In this course students will investigate the sustainability of food related practices and how they can contribute to a sustainable future through their personal actions. Students will further explore determinants of health and how our food choices influence our overall well-being. Students can gain UE literacy and course endorsement in Home Economics.

Achievement Standards – Level 2

Unit	Details	Credit
AS 91302 v2	Evaluate sustainable food related practices	5 credits, literacy, internal
AS 90810 v3	Undertake a personal action, with reflection, that contributes to a sustainable future	6 credits, literacy, internal
AS 91299 v2	Analyse issues related to the provision of food for people with specific food needs	5 credits, literacy, internal
AS 91300 v2	Analyse the relationship between well-being, food choices and determinants of health	4 credits, literacy & UE writing, external

The above course allows students to gain UE literacy and course endorsement in Home Economics.

This course of study will investigate nutritional issues that are of relevance to NZ society and develop and carry out an action plan to address these issues. Students will continue to gain practical experiences throughout the year. Students can gain UE literacy and course endorsement in Home Economics.

Achievement Standards – Level 3

Unit	Details	Credit
<i>Term 1</i>		
AS 914666	Investigate issue affecting the well-being of New Zealand society	5 credits, internal
<i>Term 2</i>		
AS 91467	Implement an action plan to address a nutritional issue affecting the well-being of New Zealand society	5 credits, internal
<i>Term 3</i>		
AS 90828	Evaluate a personal action that contributes towards a sustainable future	6 credits, internal
<i>Term 4</i>		
AS 91471	Analyse the influences of food advertising on well-being	4 credits, internal

The above course allows students to gain EU literacy and course endorsement in Home Economics.

Future Direction
Early Childhood Education, Primary School Teacher, Hospitality Industry – Chef, Waiting Staff, Kitchen Staff, Household Staff, Nutrition Advisor/Dietician, Food Technologist, Food Stylist, Food Writer, etc.

Humanities

Level: NCEA Level 1

Pre-requisites: An interest in History and Geography

Information:

Humanities is a combined course of History and Geography and is designed to cater for those who want to know more about the world they live in through a study of past events which have shaped New Zealand, combined with knowledge of the physical and cultural setting and how it works.

The final course will consist of no less than 15 credits from History and Geography and will be decided by student interest. Possible achievement standards are listed below.

History Standards

Standard	Details	Credits
92024 1.1	Engage with a variety of primary sources in a historical context	5 Internal
92025 1.2	Demonstrate understanding of the significance of a historical context	5 Internal
92026 1.3	Demonstrate understanding of historical concepts of significance	5 External
92027 1.4	Demonstrate understanding of perspectives on a historical context	5 External

Geography Standards

Standard	Details	Credits
91932 1.1	Demonstrate understanding of the spatial distribution of phenomena and its impacts within te taiao	5 Internal
91933 1.2	Explore te taiao using data	5 Internal
91934 1.3	Demonstrate understanding of how natural processes operate within te taiao	5 External
91935 1.4	Demonstrate understanding of geographic design-making in Aotearoa New Zealand or the Pacific	5 External

Future Direction

This course is designed to give students experience of both History and Geography. The two subjects will be continued in Year 12 as Humanities and will allow entry into History at Level 3.

Humanities

Level: NCEA Level 2

Pre-requisites: An interest in History and Geography (although not a pre-requisite, it is beneficial to have taken Level 1 Humanities).

Information:

This course offers a balance of both New Zealand and World History, and both physical and cultural Geography. The final course will consist of no less than 18 credits from History and Geography and will be decided by student interest. Possible achievement standards are listed below.

History Standards

Standard	Details	Credits
91229 AS2.1	Carry out an inquiry of an historical event or place that is of significance to New Zealanders	4 Internal
91230 AS2.2	Examine an historical event, or place, of significance to New Zealanders.	5 Internal
91231 AS2.3	Examine sources of an historical event that is of significance to New Zealanders	4 External
91232 AS2.4	Interpret different perspectives of people in an historical event that is of significance to New Zealanders	5 Internal
91233 AS2.5	Examine causes and consequences of a significant historical event.	5 External
91234 AS2.6	Examine how a significant historical event affected New Zealand society	5 External

Geography Standards

Standard	Details	Credits
91243 2.4	Apply geography concepts and skills to demonstrate understanding of a given environment	4 External
91244 2.5	Conduct geographic research with guidance.	5 Internal
91245 2.6	Explain aspects of a contemporary New Zealand geographic issue	3 Internal
91013 1.7	Describe aspects of a geographic topic at a global scale	3 Internal

Future Directions

This course allows students to complete the entry requirements for NCEA level 3 History.

History

Level: NCEA Level 3

Pre-requisites: 12 History credits at NCEA Level 2

Information:

NCEA Level 3 History takes an in-depth look into historical events, perspectives and relationships. The course will consist of no less than 20 credits.

History Standards

Standard	Details	Credits
AS3.2	Analyse an historical event, or place, of significance to New Zealanders.	5 Internal
AS3.3	Analyse evidence relating to an historical event of significance to New Zealanders.	4 External
AS3.4	Analyse different perspectives of a contested event of significance to New Zealanders.	5 Internal
AS3.6	Analyse a significant historical trend and the force(s) that influenced it.	6 External

Future Directions

History credits will go towards University Entrance. The research and analytical skills students develop in History are useful for a range of careers in Law, Politics, Policy Analysis, Film, Journalism, Teaching, Museum Studies and many more.



Mathematics

Level: NCEA Level 1

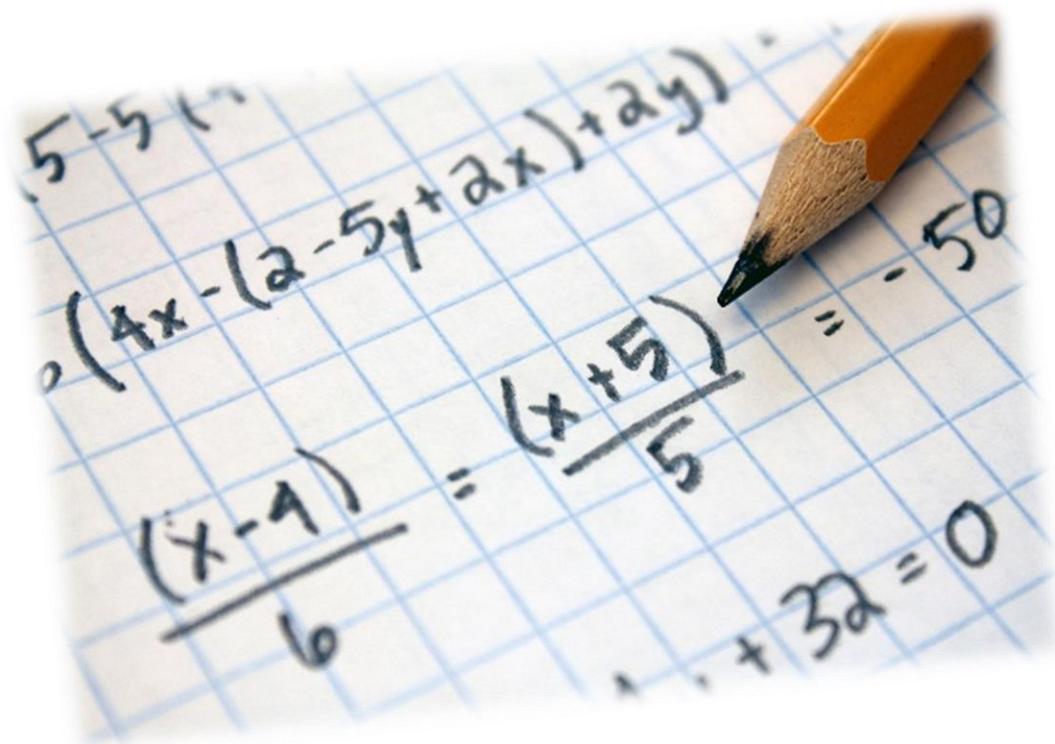
Pre-requisites: There is no prerequisite for this course. Mathematics at Level 1 is compulsory.

Equipment required: This course requires students to have their own scientific calculator, and a graphics calculator is preferable. NZQA states students without a graphics calculator are disadvantaged. A graphics calculator is also required for NCEA Level 2 and 3 Mathematics.

Information:

This course is suited to students who would like to study Mathematics at Level 2 and or 3, enter the workforce upon leaving school, gain a trade qualification, complete a course at Polytechnic and/or intend to study at university. Students who achieve well in this course could take Level 2.

This course comprises of internally and externally assessed Achievement Standards and offers a maximum of 20 credits. Internal assessments will be sat throughout the year as each achievement standard is learnt and students can show that they are ready to be assessed. External assessments will take the form of a written examination at the end of the year. The course will consist of a selection from the following internal and external achievement standards.



Level 1 Math Course Outline 2024

Course: Mathematics and Statistics

Dept: Mathematics

Code: 1MAS

This course is eligible for Endorsement													
Year Schedule													
Topic	Standard	Vocational Pathways						Version	Credits	Lit / Num	FAO ✓ X	Assessment Dates	
		Ci	Mt	Pi	Si	Sc	Cr						
Explore data using a statistical enquiry process(I)	91944	✓	✓	✓	✓	✓	✓	2	5	N	X	T2, Wk 10	
Use Mathematical methods to explore problems that relate to life in Aotearoa NZ or the Pacific Region (I)	91945	✓	✓	✓	✓	✓	✓	2	5	N	X	T3, Wk 8	
Interpret and apply mathematical and statistical information in context. (E)	91946	✓	✓	✓	✓	✓	✓	2	5	N	X	EOT T2, Wk 5	
Demonstrate mathematical reasoning. (E) <i>(This is only available to high achieving students)</i>	91947	✓	✓	✓	✓	✓	✓	2	5	N	X	EOT T4, Wk 2	
EOT indicates end of topic test. The actual assessment will take place during External Exams													
Vocational Pathways													
Ci Construction & Infrastructure		MT Manufacturing & Technology		Pi Primary Industries									
Si Services Industries		S Social & Community Services		Cr Creative Industries									
Standards:													
(I) Internally assessed standard						(E) Externally assessed standard							
Externally assessed standards may have an end of topic test (date indicated above) as well as a Practice Exam (T3 Wk3)													
Dates for Assessment:													
The dates above are an indication only. Assessment can only take place when students are ready for assessment. FAO – (Further Assessment Opportunities) are at the discretion of the department.													
Internal Moderation Procedures:													
There will be two classes, taught by two different teachers in 2024. The assessments for each class will be common as will the marking and moderation of each assessment.													
School Policy:													
All assessments in this course and in this Department follow the school policies as outlined in the NQF Staff and Student Handbooks. Students should be aware of these policies.													
Authenticity:													
All achievement standards in this course are sat under test conditions in the classroom.													
Plagiarism:													
Plagiarism is when you take credit for someone else’s ideas or use someone else’s words. It is not enough to simply change the wording of something you have read. You need to acknowledge the source of these ideas in a bibliography and in your writing itself. If you copy from another source, without acknowledging it, you are cheating.													

Mathematics

Level: NCEA Level 2 Mathematics with Statistics

Pre-requisites: Students must have achieved well in NCEA Level 1 Mathematics, including the external exam, to enrol in this course and entry to this course is at the discretion of the Head of Mathematics.

Equipment required: This course requires students to have their own graphics calculator. NZQA states students without a graphics calculator are disadvantaged. A graphics calculator is also required for NCEA Level 3 Mathematics.

Information:

This course comprises of internally and externally assessed Achievement Standards and offers a maximum of 19 credits. Internal assessments will be sat throughout the year as each Achievement Standard is learnt and students can show that they are ready to be assessed. External assessments will take the form of a written examination at the end of the year. The course will consist of a selection from the following internal and external Achievement Standards.

Achievement Standards

Standard	Details	Credits
AS 91260	Apply network methods in solving problems 2.5	2 Internal
AS 91259	Apply trigonometric relationships in solving problems 2.4	3 Internal
AS 91264	Use statistical methods to make an inference 2.9	4 Internal
AS 91267	Apply probability methods in solving problems 2.12	4 External
AS 91256	Apply co-ordinate geometry in solving problems 2.1	2 Internal
AS 91266	Evaluate a statistically based report 2.11	2 Internal
AS91268	Investigate a situation involving elements of chance using simulation 2.13	2 Internal

Future Directions

This course is suited to students who would like to enter the workforce upon leaving school, gain a trade qualification, complete a course at a Polytechnic and or university.



Mathematics

Level: NCEA Level 2 Mathematics with Calculus

Pre-requisites: Students must have achieved well in NCEA Level 1 Mathematics, including the external exam, to enrol in this course and entry to this course is at the discretion of the Head of Mathematics.

Equipment required: This course requires students to have their own graphics calculator. NZQA states students without a graphics calculator are disadvantaged. A graphics calculator is also required for NCEA Level 3 Mathematics.

Information:

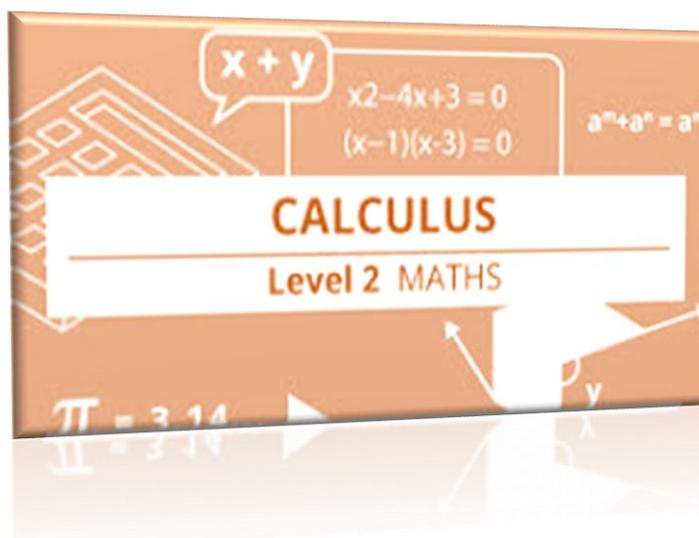
This course comprises of internally and externally assessed Achievement Standards and offers a maximum of 20 credits. Internal assessments will be sat throughout the year as each Achievement Standard is learnt and students can show that they are ready to be assessed. External assessments will take the form of a written examination at the end of the year. This course will consist of a selection from the following internal and external Achievement Standards.

Achievement Standards

Standard	Details	Credits
AS 91256	Apply coordinate geometry methods in solving problems 2.1	2 Internal
AS 91259	Apply trigonometric relationships in solving problems 2.4	3 Internal
AS 91257	Apply graphical methods in solving problems 2.2	4 Internal
AS 91269	Apply systems of equations in solving problems 2.14	2 Internal
AS 91261	Apply algebraic methods in solving problems 2.6	4 External
AS 91258	Apply sequences and series in solving problems 2.3	2 Internal
AS 91060	Apply network methods in solving problems 2.5	2 Internal
AS 91262	Apply calculus methods in solving problems 2.7	5 External

Future Directions

This course is suited to students who intend to study Calculus and/or Statistics at Level 3, intend to study Physics at Level 3 and/or intend to study Sciences, Infrastructure or Engineering at University.



Mathematics

Level: NCEA Level 3 with Statistics

Pre-requisites: Students must have achieved well in NCEA Level 2 Mathematics with Statistics, including the external exam, or Calculus to enrol in this course and entry to this course is at the discretion of the Head of Mathematics.

Equipment required: This course requires students to have their own graphics calculator. NZQA states students without a graphics calculator are disadvantaged. A graphics calculator is also required for NCEA Level 3 Mathematics.

Information:

This course comprises of internally and externally assessed Achievement Standards and offers a total of 24 credits and provides students with the opportunity to gain University Entrance. Internal assessments will be sat throughout the year as each Achievement Standard is learnt and students can show that they are ready to be assessed. External assessments will take the form of a written examination at the end of the year. The course will consist of a selection from the following internal and external Achievement Standards.

Achievement Standards

Standard	Details	Credits
AS 91574	Apply linear programming methods in solving problems 3.2	3 Internal
AS 91580	Investigate time series data 3.8	4 Internal
AS 91581	Investigate bivariate measurement data 3.9	4 Internal
AS 91586	Apply probability distributions in solving problems 3.14	4 External
AS 91582	Use statistical methods to make a formal inference 3.10	4 Internal
AS 91587	Apply systems of simultaneous equations in solving problems 3.15	3 Internal

Future Directions

This course is suited to students who would like to enter the workforce upon leaving school, gain a trade qualification, complete a course at a Polytechnic and or University.

Mathematics

Level: NCEA Level 3 with Calculus

Pre-requisites: Students must have achieved well in NCEA Level 2 Mathematics with Calculus, including the external exam, to enrol in this course and entry to this course is at the discretion of the Head of Mathematics.

Equipment required: This course requires students to have their own graphics calculator. NZQA states students without a graphics calculator are disadvantaged. A graphics calculator is also required for NCEA Level 3 Mathematics.

Information:

This course comprises of internally and externally assessed Achievement Standards and offers a total of 24 credits and provides students with the opportunity to gain University Entrance. Internal assessments will be sat throughout the year as each Achievement Standard is learnt and students can show that they are ready to be assessed. External assessments will take the form of a written examination at the end of the year. The course will consist of a selection from the following internal and external Achievement Standards.

Achievement Standards

Standard	Details	Credits
AS 91574	Apply linear programming methods in solving problems 3.2	3 Internal
AS 91575	Apply linear trigonometric methods in solving problems 3.3	4 Internal
AS 91576	Use critical path analysis in solving problems 3.4	2 Internal
AS 91578	Apply differentiation methods in solving problems 3.6	6 External
AS 91579	Apply integration methods in solving problems 3.7	6 External
AS 91587	Apply systems of simultaneous equations in solving problems 3.15	3 Internal

Future Directions

This course is suited to students who would like to enter the workforce upon leaving school, gain a trade qualification, complete a course at a Polytechnic and or University studying Sciences, Infrastructure or Engineering.



Outdoor Recreation (Two-year programme)

Level: Year 12 and 13

Cost: The following activities in the Outdoor Recreation programme may incur a fee. The amount of the fee will be notified before the activity occurs. A large majority of the course is funded by STAR.
Adventure Based Learning (Ropes Course)
Bushcraft Sport Orientated Local Area Activities

Pre-requisites: Level 1 NCEA with Literacy and Numeracy. Mature, responsible, and physically active.

Equipment Needed: Most provided except for obvious personal gear e.g. boots, packs etc. Students also are required to have an interest in completing outdoor pursuits.

Information:

Some of the unit standards may not be carried out due to lack of time, standard updates or similar reasons. Wherever possible time is allowed for in the programme for reassessments or completion of unit standards. There will be changes made in order to best fit the requirements of final class numbers and year levels involved. This course is multi-level and runs over two years.

Unit	Details	Level	Credits
<i>Adventure Based Learning</i> (held at Adventure Southland)			
473	Personal and social development through high ropes	2	1
<i>Bushcraft Orientated</i>			
US32876	Demonstrate knowledge of weather processed and weather conditions for outdoor recreation in New Zealand	3	3
US32843	Demonstrate knowledge of how personal contribution influences group functioning in an outdoor activity	2	3
US26249	Demonstrate skills for an overnight tramp	2	2
US20159	Demonstrate knowledge of weather information for an outdoor activity	2	2
<i>Other</i>			
AS91504	Analyse issues in safety management for outdoor activity to devise safety management strategies	3	3
AS91505	Examine contemporary leadership principles applied in physical activity contexts	3	3
AS91333	Analyse the application of risk management strategies to a challenging outdoor activity	2	3
<i>Snow Based</i>			
US4596	Snowboard on intermediate terrain	2	3
<i>Land Based</i>			
431	Navigate in good visibility on land	2	3

Physical Education and Health

Level: NCEA Level 1

Pre-requisites: Entry requirements for this course are successful completion of the Year 10 HPW programme, literacy and numeracy skills. Students also are required to be physically active. Students also are required to have a positive attitude playing a range of sports.

Information:

Physical Education and Health provides students with an opportunity to build on existing sporting skills and gain new skills within a variety of movement contests. Students will learn to look after their body and develop their personal fitness as well as to demonstrate an understanding of the human body within a practical and theoretical environment. All standards assessed are Achievement Standards.

Physical Education Achievement Standards

Unit	Details	Credits
92016 PE 1.1	Apply movement strategies in an applied setting	5 Internal
92017 PE 1.2	Demonstrate understanding of how Kotahitanga is promoted in movement through application strategies	5 Internal
92018 PE 1.3	Demonstrate understanding of the influence of a personal movement experience on hauora	5 External

Health Education Achievement Standards

Unit	Details	Credits
92008 HS 1.1	Demonstrate understanding of wellbeing through the application of a model of health	5 Internal



Level: NCEA Level 2

Pre-requisites: Entry requirements for this course are successful completion of the Year 11 HPW programme, literacy and numeracy skills. Students also are required to be physically active.

Information:

In this course students engage in both practical and theoretical components in a wide range of contexts. Students will apply different training principles and methods to a training programme while training for an event. They will learn how to develop and demonstrate interpersonal and social responsibility skills in a range of different sporting contexts, focusing on leadership. Students will also manage risk in different adventure-based learning activities.

All standards assessed are Achievement Standards.

Physical Education Achievement Standards

Unit	Details	Credits
91329 AS 2.3	Demonstrate understanding of the application of biophysical principles to training for physical activity	4 Internal
91330 AS 2.4	Perform a physical activity in an applied setting	4 Internal
91332 AS 2.6	Evaluate leadership strategies that contribute to the effective functioning of a group	4 Internal
91333 AS 2.7	Analyse the application of risk management strategies to a challenging outdoor activity	3 Internal
91334 AS 2.8	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	3 Internal
91333 AS 2.7	Analyse the application of risk management strategies to a challenging outdoor activity	3 Internal



Level: NCEA Level 1

Pre-requisites: None

Equipment Needed: Calculator
Folder/Hard covered exercise book

Achievement Standards (to be selected from)

Standard	Details	Credits
Science 1.2	Demonstrate understanding of the use of a range of scientific investigative approaches in a context	5 Internal
Chemistry & Biology 1.1	Demonstrate understanding of the relationship between a microorganism and the environment	5 Internal
Physics, Earth, Space, Science 1.4	Demonstrate understanding of energy in a physical system	5 External

Another achievement standard may be added if time constraints allow In order to go into Senior Sciences all 3 assessments must be passed.

Future Directions

Leads to Level 2 sciences such as Chemistry, Biology and Physics.



Biology

Level: NCEA Level 2 and 3

Equipment Needed: 2B8 lecture book for notes.

Information:

Recommended to have passed Sci 1.10 Investigate life processes and environmental factors that affect them.

Achievement Standards – Level 2

Standard	Details	Credits
91153	Carry out a practical investigation in a biology context with supervision	4 Internal
91154	Analyse the biological validity of information presented to the public	3 Internal
91156	Demonstrate understanding of life processes at the cellular level	4 External
91157	Demonstrate understanding of genetic variation and change	4 External
91160	Investigate biological material at the microscopic level	3 Internal

Achievement Standards – Level 3

Standard	Details	Credits
91601	Carry out a practical investigation in a biological context, with guidance.	4 Internal
91602	Integrate biological knowledge to develop an informed response to a socio-scientific issue.	3 Internal
91605	Demonstrate understanding of evolutionary processes to leading to speciation.	4 External
91606	Demonstrate understanding of trends in human evolution.	4 External
91607	Demonstrate understanding of human manipulations of genetic transfer and its biological implications.	3 Internal

Future Directions

This course would be advantage to students wishing to continue into medicine, veterinary medicine, marine biology, nursing, horticulture, agriculture, entomology, zoology, environmental science, genetics or research science.

Senior Chemistry

Level: NCEA Level 2 and 3

Pre-requisites: 14 credits in Level 1 Science including Achievement Standard 90944

Equipment Needed: Scientific Calculator
Folder/Hard covered exercise book

Information:

Senior Chemistry will be composed of a selection of internal and external achievement standards chosen from the list below.

Achievement Standards – Level 2

Standard	Details	Credits
91910	Carry out a practical investigation into a substance present in a consumer product using quantitative analysis	4 Internal
91911	Carry out an investigation into chemical species present in a sample using qualitative analysis.	3 Internal
91163	Demonstrate understanding of the chemistry used in the development of a current technology	3 Internal
91164	Demonstrate understanding of bonding, structure, properties and energy changes	5 External
91165	Demonstrate understanding of the properties of selected organic compounds	4 External
91166	Demonstrate understanding of chemical reactivity	4 External
91167	Demonstrate understanding of oxidation-reduction	3 Internal

Achievement Standards – Level 3

Standard	Details	Credits
91387	Carry out an investigation in chemistry involving quantitative analysis	4 Internal
91388	Demonstrate understanding of spectroscopic data in chemistry	3 Internal
91389	Demonstrate understanding of chemical processes in the world around us	3 Internal
91390	Demonstrate understanding of thermochemical principles and the properties of particles and substances	5 External
91391	Demonstrate understanding of the properties of organic compounds	5 External
91392	Demonstrate understanding of equilibrium principles in aqueous systems	5 External
91393	Demonstrate understanding of oxidation-reduction processes	3 Internal

Future Directions

This challenging course leads on to Senior Chemistry or tertiary studies in Science and Agriculture. Tertiary studies could include the following fields: Agricultural Science, Chemical Engineer, Dentist, Doctor, Food Technologist, Geologist, Marine Scientist, Pharmacist, Physiotherapist, and Veterinarian.

Senior Physics

Level: NCEA Level 2 and 3

Pre-requisites: 14 credits in Level 1 Science and Achievement Standard 90940

Equipment Needed: Scientific Calculator, protractor
Folder/Hard covered exercise book

Information:

Senior Physics will be composed of a selection of internal and external achievement standards chosen from the list below. The standards chosen will be determined by the specific needs of the class.

Achievement Standards – Level 2

Standard	Details	Credits
91168	Carry out a practical physics investigation that leads to a non-linear mathematical relationship	4 Internal
91170	Demonstrate understanding of waves	3 External
91171	Demonstrate understanding of mechanics	6 External
91172	Demonstrate understanding of atomic and nuclear physics	3 Internal
91173	Demonstrate understanding of electricity and electromagnetism	6 External

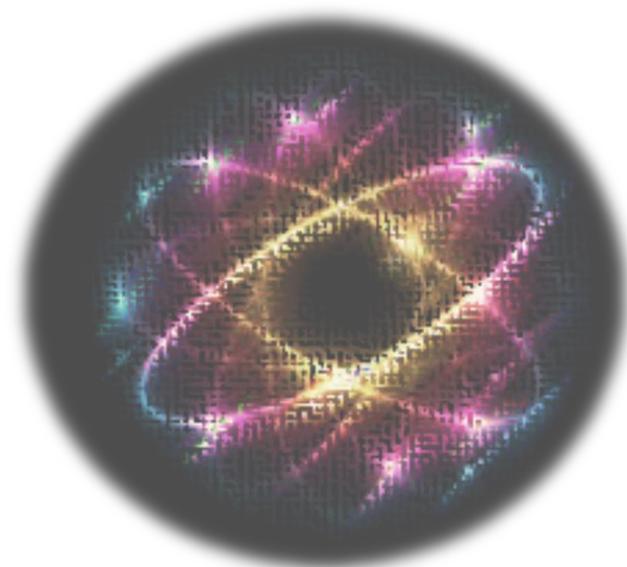
Achievement Standards – Level 3

Standard	Details	Credits
91521	Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship	4 Internal
91523	Demonstrate understanding of wave systems	3 External
91524	Demonstrate understanding of mechanical systems	6 External
91525	Demonstrate understanding of Modern Physics	3 Internal
91526	Demonstrate understanding of electrical systems	6 External

Future Directions

This challenging course leads on to second year Senior Physics or Tertiary study.

Tertiary studies could include the following fields: Aeronautics, Astronomy, Building Scientist, Computer Systems Engineer, Software Engineer, Electronics, Geophysics, Mechanical Engineer, Meteorologist, Physiotherapy, Surveyor and Veterinarian.



Te Reo Māori

Level: Level 1 (Year 11)

Equipment Needed: Clear file, exercise book and/or refill for notes and written activities.

Information:

The course will see students increase both their vocabulary and grammar knowledge. In familiar contexts, they will be able to read, speak and write using Te Reo Māori

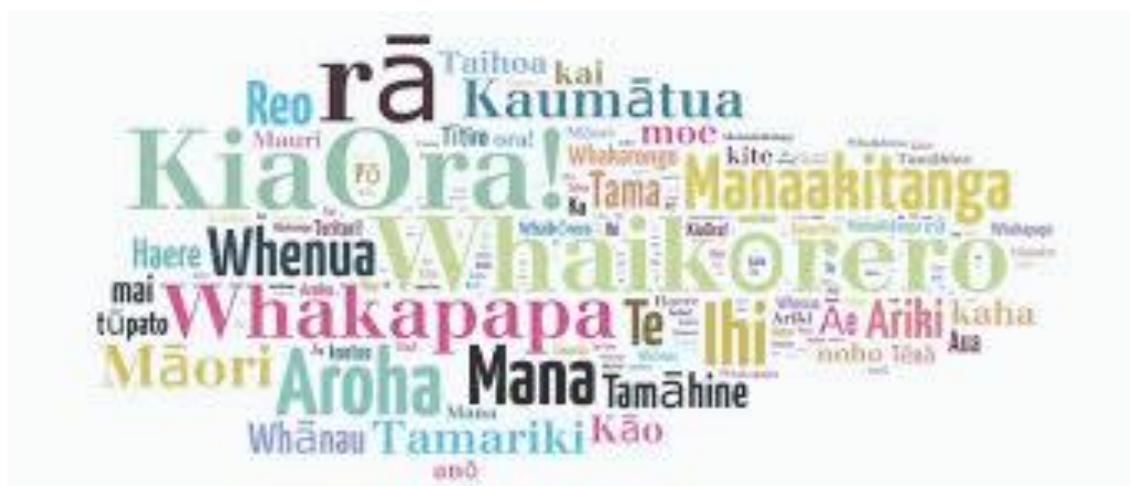
Achievement Standards – Level 1

Students will complete a selection from the following standards (a minimum of 16 credits)

Standard	Details	Level	Credits
AS 92092	Te kōrero mō te ora o te reo i mua i te tau 1970.	1	6 Internal
AS 92093	Te whakapuaki whakaaro i runga i te āta rero o te reo Māori	1	4 Internal
AS 92094	Te tautohu i tahi mātāpono Māori kei roto i te reo	1	4 External
AS 92095	Te whakaatu i te māramatanga ki te tika o te reo.	1	6 External

Future Directions

This course will enable rangatahi to pursue Te Reo Māori at Level 2 & 3. Àkonga can carry cultural skills into almost any future career: Consultancy, Public Policy, Environmental Management, Teaching, Māori Studies, Human Resources, Business, Performing Arts, Visual Arts and many more. The skills gained in this course will allow àkonga to more fully appreciate Te Ao Māori.



Sustainability

Level: Level 2 and 3 (Year 12 and/or Year 13)

Equipment Needed: N/A

Information:

Education for Sustainability allows you to run a project with focus on cultural, social, economic, or environmental sustainability in our community. You can work alone or in a group of two or three. You decide on your own sustainability topic, collect data and opinions, and plan how you will make a positive change in your community or support something you treasure to continue in future. You may condense your project into two terms or use the entire year to complete a deeper investigation and to take external examinations. Examples of past projects have been creating cultural sustainability through strengthening Kapa Haka at Aparima College and supporting social sustainability in Western Southland by holding a Woollyfest event. At Level 3 you can use Sustainability for a University Entrance kete.

Achievement Standards – Level 2

Standard	Details	Credits
AS90810 2.1	Undertake a personal action, with reflection, that contributes to a sustainable future	Internal 4 credits
AS91734 2.5	Develop a collaborative response that promotes a sustainable future, in relation to a current issue	Internal 4 credits
AS91733 2.4	Demonstrate understanding of initiatives that contribute to a sustainable future	External 4 credits
AS90814 2.6	Develop understanding of aspects of sustainability in different contexts	External 4 credits

Achievement Standards – Level 3

Standard	Details	Credit
AS90828 3.1	Evaluate a personal action that contributes towards a sustainable future	Internal 6 credits
AS90832 3.5	Develop a strategy for an organisation that will contribute to a sustainable future	Internal 5 credits
AS91735 3.2	Evaluate measures that may be taken to sustain and/or improve a biophysical environment	Internal 4 credits
AS91736 3.3	Analyse how different worldviews, and the values and practices associated with them, impact on sustainability	External 4 credits
AS90831 3.4	Analyse the impact that policies have on a sustainable future	External 5 credits

Future Directions

Sustainability is becoming part of an increasing number of careers including Environmental scientist, Ecologist, Farming, Market gardening, Conservation, Tourism, Event organiser, Local government, Urban Planner, Landscape architect, Engineering, Water quality advisors, corporate sustainability officer in Transport or Energy, Policymaker, Strategist, Lawyer.



Visual Art - Toi Tu Waenga

Level: NCEA Level 1

Pre-requisites: None

Equipment Needed: A3 sketch book. A range of drawing pencils, pencils sharpener and an eraser.

Information:

Students will complete the prescribed course for National Certificate of Educational Achievement – Level 1. The course consists of a possible 5 Achievement Standards.

The focus of the year involves exploration into Māori and European art traditions and contexts, the development of drawing and observation skills, the making of artworks, and exploration into a variety of art media and techniques including painting, photography and printmaking.

Achievement Standards

Standard	Details	Credits
91912	Use practice-based visual inquiry to explore Aotearoa New Zealand's Māori context and another cultural context	5 Internal
91913	Produce resolved artwork appropriate to established art making conventions	5 Internal
91914	Explore Visual Arts processes and conventions to inform own art making	5 External
91915	Create a sustained body of related artworks in response to an art making proposition	5 External

NOTE Student participation in 1.4 will be confirmed after discussion with student, HOD Visual Art and NZQA Principal's Nominee*

Future Directions: *Employment Opportunities*

Students who study Art will find that it is a required, preferred or useful subject in any of the following occupations.

- Carver
- Conservator (Art gallery)
- Illustrator
- Mural artist
- Cartoonist
- Photographer
- Art teacher
- Body Artist
- Animator
- Clothing designer
- Display /window dresser
- Graphic designer
- Industrial designer
- Website developer
- Computer graphic designer
- Special effects – film
- Camera work – television, film
- Artist
- Jewellery designer
- Florist
- Lighting technician
- Architect
- Landscape design
- Hairdresser
- Interior designer
- Sign writing

Visual Art - Toi Tu Waenga

Level: NCEA Level 2

Pre-requisites: To do Level 2 painting you should have achieved Level 1 painting preferably, NCEA Achievement Standard 1.4 Practical Art 12 credits.

Equipment Needed: A3 sketchbook and miscellaneous item relevant to the individual course of study (laptop, camera – if students have access to these).

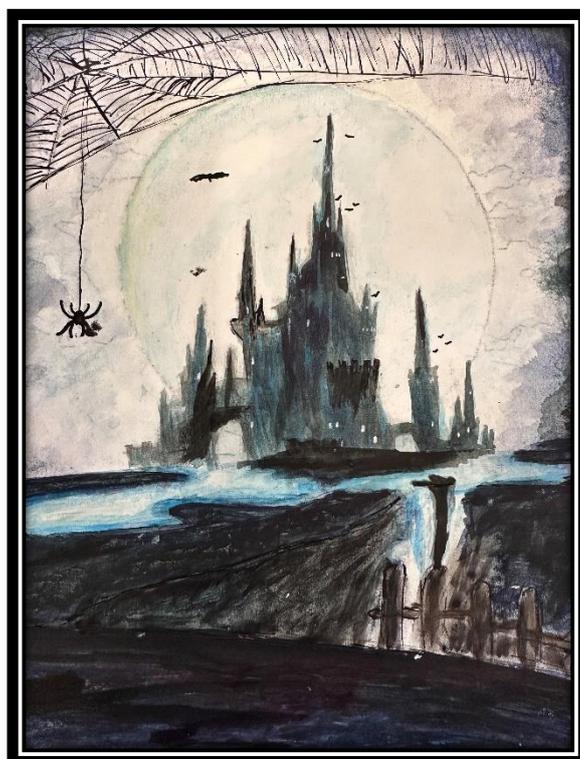
Information:

This course runs under the supervision of the Senior Art teacher, but maybe provided for by the Correspondence School according to numbers. Therefore, next year's programme includes achievement standards according to individual student needs and college course availability.

It is possible to study either photography or painting at Level 2 dependent on strengths or area of interest.

Achievement Standards

Standard	Details	Credits
91306 (painting) 2.1 91307 (photography)	Demonstrate an understanding of methods and ideas from established practice appropriate to painting or photography	4 Internal
91311 (painting) 2.2 91312 (photography)	Use drawing methods to apply knowledge of conventions appropriate to painting or photography	4 Internal
91316 (painting) 2.3 91317 (photography)	Develop ideas in a related series of drawings appropriate to establish painting or photography practice.	4 Internal
91321 (painting) 2.4 91322 (photography)	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting or photography	12 External
91325 AS 2.5	Produce a resolved work that demonstrates control of skills appropriate to cultural conventions	4 Internal



Visual Arts – Toi Tu Waenga

Level: NCEA Level 3

Pre-requisites: You must have achieved at either Level 1 or Level 2 painting to undertake Level 3 painting.

Equipment Needed: A3 sketchbook and miscellaneous item relevant to the individual course of study (laptop, camera – if students have access to these).

Information:

This course runs under the supervision of the Senior Art teacher, but maybe provided for by the Correspondence School according to numbers. Therefore, next year's programme includes achievement standards according to individual student needs and college course availability.

Students usually focus on two areas of strength or interest e.g. painting or photography for the year. Level 3 photography is challenging, but with a strong work ethic it is possible to undertake without prior experience in art.

Achievement Standards

Standard	Details	Credits
91441(Painting) 3.1 91442(Photography)	Analyse methods and ideas from established painting or photography practice	4 Internal
91446(Painting) 3.2 91447(Photography)	Use drawing to demonstrate understanding of conventions appropriate to painting or photography	4 Internal
91451(Painting) 3.3 91452(Photography)	Systematically clarify ideas using drawing informed by established painting or photography practice	4 Internal
91456(Painting) 3.4 91457(Photography)	Produce a systematic body of work that integrates conventions and regenerates ideas within painting or photography practice	14 External
91460 3.5	Produce a resolved work that demonstrates purposeful control of skills appropriate to visual arts cultural contexts	4 Internal



My Choices