

# Waihi College

## Level 1 Course Outlines 2024



The purpose of this booklet is to inform students, parents and whānau about the courses (subjects) available to students in 2024. It is important that you make good informed choices that relate to your future career and interests.

It is most important that you make the right choices for you, and create a timetable that is challenging, engaging and stimulating for 2024. You need to think carefully about your option choices, as well as get advice and information from your teachers, Pouako and the websites recommended within this booklet.

While we cannot guarantee that you will be able to select subjects in all the areas that you like, we hope you can access classes that meet most of your needs and interests and for those other interest areas there is the possibility of joining an online or correspondence learning community.

# Helpful Links

The Ministry of Education has put together a number of resources and websites in order to better provide information to our students on NCEA, the vocational pathways and career choices. Here are some of the key websites that you can go to and be better informed.

<http://youthguarantee.net.nz/vocational-pathways> - gives information about Vocational Pathways

<http://www.studyit.org.nz> - useful study tips for breaking down standards into chunks of learning

<http://studytime.co.nz/> - useful videos, study cards and past exam papers to help with learning

<http://www.careers.govt.nz> - information about careers, quizzes to find out what career suits you

[www.ncea.education.govt.nz](http://www.ncea.education.govt.nz) - information about the changes to NCEA, standards and example assessments that students may complete

## Explanation of NCEA

NCEA stands for National Certificate of Educational Achievement. It is the formal qualification of New Zealand secondary educational system. Throughout the year students will work to gain credits towards NCEA at levels One, Two and Three. These roughly follow, but not necessarily exclusively, to year's 11, 12 and 13. At the start of the following year students will receive an NCEA certificate as well as a record of results that shows the actual standards and the results that the student achieved in each standard.

A useful website to understand NCEA and to see the standards that students will complete, visit [www.ncea.education.govt.nz](http://www.ncea.education.govt.nz)

NCEA at Level 1 is changing in 2024 and the major changes are new for teachers, schools, whanau and students. To understand the changes you can visit <https://ncea.education.govt.nz/understanding-how-ncea-requirements-are-changing>

## Waihi College - BYOD in Senior School

BYOD stands for Bring Your Own Device. Many schools are adopting this policy across their whole school. In 2024, all students in the senior school who need to use a device for their learning, should bring a device from home. This could be in the form of a chrome book, laptop or ipad but not a cell phone. Courses that require use of a device have indicated this in their course outlines. Please check the course outlines to see the requirements for the courses you are interested in.

If you do not have or are unable to purchase a device, Waihi College will engage in a device lease contract with the student and their families to issue a device (bond required).

# Getting an NCEA Qualification (Level 1 indicated in yellow)

<b>Level 1 Certificate</b>	<b>60 NCEA Level 1 Credits or above*</b> <i>These credits are achieved from classes, Super Tuesday, Trades etc</i> <b>PLUS</b> <b>NCEA Literacy (Reading and Writing) and Numeracy Co-requisite</b> <i>These credits are achieved by completing the Common Assessment Activity (CAA). There are TWO opportunities during the year to attempt this activity (see page 4 for more detail)</i>
Level 2 Certificate	60 NCEA Level 2 Credits or above* (20 carried over from Level 1) <b>WITH</b> Level 1 Numeracy <b>AND</b> Literacy
Level 3 Certificate	60 NCEA Level 3 Credits or above* (20 carried over from Level 2) <b>WITH</b> Level 1 Numeracy <b>AND</b> Literacy
Vocational Pathways Award	80 NCEA Level 2 Credits (where 20 are carried over from Level 1) <b>WITH</b> 60 Level 2 credits from standards associated with the recommended pathway <b>OF WHICH</b> 20 credits are from sector related standards
Course Endorsement	14 credits at Merit <b>OR</b> Excellence within a single subject area and school year At least 3 of these must be from externally assessed standards (exams) and 3 from internally assessed standards (some subjects have exceptions including PE, Religious Studies and Visual Art)
Level Endorsement	Merit Endorsement - 50 credits at Merit (or Excellence) at the Level or above Excellence Endorsement - 50 credits at Excellence at the Level or above i.e. a Level 2 student can gain NCEA Level 2 with Excellence if they achieve Level 2 with 50 of their 60 credits at the Excellence level from standards that are Level 2 or above
University Entrance#	NCEA Level 3 <b>PLUS</b> 14 credits in 3 approved subjects <b>PLUS</b> University <b>Literacy</b> (10 Level 2 Literacy credits, 5 writing and 5 reading^) and <b>Numeracy</b> (10 L1 Numeracy credits)

\*Credits can be used to count back i.e. Level 1 can include Level 1, 2, 3 or 4+ credits. Level 2 can include Level 2, 3 or 4+ credits. Level 3 can include Level 3 or 4+ credits.

# **Some University courses have specific requirements for entry e.g. require a certain subject to be taken at Level 3.**

^ Various Level 2 and 3 subjects can offer these credits. You will notice in the subject information the codes **UE R, UE W or UE B** are given. These correspond to **University Entrance Reading, University Entrance Writing or University Entrance Both (reading AND writing).**

## The New Zealand Certificate in Foundation Skills/Te Ara Tupu (Level 1)

Students in Waihi College can achieve the New Zealand Certificate in Foundation Skills/Te Ara Tupu (Level 1) as a new course for 2024.

- This qualification covers **60 credits** which we have split into 3 courses: Te Ara Tupu **Literacy**, Te Ara Tupu **Project** and Te Ara **Sorted**.
- Students must complete all three courses to gain the certificate.
- Students who don't want to achieve the certificate but are interested in one of the individual courses are welcome to select just one.
- Full course outlines for these courses are available in the Pathways and Transitions section of Course Outlines (page 21 and 22).
- In order to gain NCEA Level 1, students will also need to pass the Literacy/Numeracy Co-requisite.

# Level One at Waihi College

## Achieving Literacy and Numeracy Co-Requisites

To gain Literacy (Reading and Writing) and Numeracy, students must complete the Common Assessment Activity (CAA). This is an online assessment task that has 2 assessment windows during the year. For many students in Waihi College, they will have attempted and in some cases passed the Common Assessment Activity (CAA) in Year 10.

For those students who have already passed the CAA assessment, they do not need to complete it again in Year 11.

**For those students who have not yet passed the CAA, they will need to take Foundation Literacy and/or Foundation Mathematics until they have achieved this goal.** Assessments take place around June and October. Once the student has passed the CAA, they can choose to take an alternative subject.

Note: To gain Literacy, students must pass the Reading AND Writing CAA

Here is a link to some helpful guides to Literacy and Numeracy requirements: <https://ncea.education.govt.nz/ncea-literacy-and-numeracy-students-and-whanau>

## Semesters

Year 11 is split into TWO semesters. There is one long semester (Term 1 and 2) and a shorter semester (Term 3 and Term 4). In general **semester ONE** will contain internally assessed standards (assessed by project, portfolio, performance, in class assessment) and **semester TWO** will have externals (assessed by portfolio, presentation or end of year examination)

Students will take 6 subjects in each semester.

\*Students who haven't achieved the **Literacy or Numeracy Corequisite in 2023** must ensure that they take a course that will support their learning towards gaining the corequisite (English, Foundation English, Mathematics, Foundation Mathematics).

\*Te Ara Tupu courses are FULL YEAR COURSES in order to gain the New Zealand Certificate in Foundation Skills.

**POSSIBLE SUBJECT COURSE** OUTLINES FOR SEMESTER ONE AND TWO CAN BE FOUND BY CLICKING **HERE**

## Super Tuesday & Trades Academies

On Tuesday's Waihi College senior students complete experience-based learning where students are encouraged to try new opportunities for learning. This includes out of school courses as well as in school-based activities. Students spend the whole day on Tuesdays completing these courses. Students complete these courses in TWO semesters.

**POSSIBLE SUPER TUESDAY and TRADES ACADEMIES OUTLINES** FOR SEMESTER ONE AND TWO CAN BE FOUND BY CLICKING **HERE**

# Level 1 Course Overviews

Students will select 6 SEMESTER ONE subjects and 6 SEMESTER TWO COURSES

<a href="#">The Arts</a> p4-6	<a href="#">English</a> p7-9	<a href="#">Te Reo Māori</a> p10
<a href="#">Mathematics and Statistics</a> p11-13	<a href="#">Health and Physical Education</a> p14-16	<a href="#">Technology</a> p18-21
<a href="#">Pathways and Transitions</a> p22-23	<a href="#">Science</a> p24-26	<a href="#">Social Sciences</a> p27-28

## THE ARTS

SEMESTER ONE LEVEL 1 MUSIC		
Course Description:	Level 1 Music	
NZC Subject Area:	The Arts	Music
AS or US Standard Number and Version:	91948	91949
Title of Standard:	Use music skill in a music style	Demonstrate performance skills
Number of Credits:	5	5
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Internal Performance and Viva Voce, video	Internal Performance
Course Costs:	\$0	\$0
stationery Requirements:	None	None
Is a device needed for this course?	No	No

SEMESTER TWO LEVEL 1 MUSIC	
Course Description:	Music level 1
NZC Subject Area:	The Arts
AS or US Standard Number and Version:	91950 / 91951
Title of Standard:	Demonstrate understanding of music in relation to contexts / Composition
Number of Credits:	5 / 5
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	External / External
Course Costs:	\$0
stationery Requirements:	None - workbook- provided by teacher
Is a device needed for this course?	No

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## SEMESTER ONE LEVEL 1 VISUAL ART (PRACTICAL)

Course Description:	Unleash your creativity through visual inquiry, exploring how art mirrors and shapes cultures. Discover the power of ideas as you develop your artistic voice, experimenting with a variety of techniques and mediums. This course is designed to equip you with essential techniques and skills for senior art courses.	
NZC Subject Area:	Visual Art	Visual Art
AS or US Standard Number and Version:	91912	91914
Title of Standard:	Use practice-based visual inquiry to explore Aotearoa New Zealand's Maori context and another cultural context.	Explore Visual Arts processes and conventions to inform own art making
Number of Credits:	5	5
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Visual Diary	Visual Diary Portfolio
Course Costs:	Nil	Nil
stationery Requirements:	Year 11 Art Pack (available from school)	Year 11 Art Pack (available from school)
Is a device needed for this course?	Preferable but not essential	Preferable but not essential

## SEMESTER TWO LEVEL 1 VISUAL ART (DIGITAL)

Course Description:	Capture your creativity through the lens of photography and design in this digital art course. Learn how to use Adobe Photoshop and Illustrator as you create your very own zine – a unique blend of imagery and design. Explore photography techniques, embrace graphic design, and bring your work to life! This course is designed to equip you with essential techniques and skills for senior art courses.
NZC Subject Area:	Visual Art
AS or US Standard Number and Version:	91913
Title of Standard:	Produce resolved artwork appropriate to established art making conventions
Number of Credits:	5
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Resolved artwork: Zine
Course Costs:	\$0
stationery Requirements:	16GB USB and A3 Visual Diary (Available from school)
Is a device needed for this course?	Preferable but not essential

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## SEMESTER ONE LEVEL 1 DRAMA

Course Description:	<p><b>‘If These Walls Could Speak’</b>                  We will begin with improvisation games, teambuilding and physical theatre exercises. We will then research an historical time or event, visit a relevant location and imagine what took place there. Students will collate notes, images and stories to use as a basis for improvisations. Students will work in groups to refine their ideas and build a drama piece of 3 – 6 minutes conveying an idea and applying several drama conventions.</p> <p><b>‘Place, Pride and Pohutukawa Trees’</b>                  We will explore how Kiwis have expressed Tūrangawaewae or a sense of belonging in Aotearoa New Zealand through theatre. We will sample scenes from a range of New Zealand plays. We will explore concepts through floor work, research, and discussion. The course may include a trip to a live performance, a school’s tour company, or a recorded resource provided by a theatre company. We will select a play and do further research into the cultural, social, or historical context of that play. Students will be allocated a role in a scene and will practise and present their scene to class using a range of drama techniques.</p>	
NZC Subject Area:	Drama	Drama
AS or US Standard Number and Version:	91941	91940
Title of Standard:	Participate in creative strategies to create a drama	Explore the function of Theatre Aotearoa
Number of Credits:	5	5
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Internal 1. A live performance 2. A portfolio including a written or oral reflection	Internal 1. A two - four minute performance 2. A written or oral reflection
Course Costs:	\$0	\$0
stationery Requirements:	An unlined exercise book or scrapbook	An unlined exercise book or scrapbook
Is a device needed for this course?	No	No

## SEMESTER TWO LEVEL 1 DRAMA

Course Description:	<p><b>‘Meddling Masters and Wily Servants’</b>                  We will study an Italian style of theatre that originated in the 16<sup>th</sup> century called Commedia del’ Arte and apply the conventions to a scripted play. We will begin by workshoping the stock characters, practising exaggerated movement, and improvising typical scenarios. The class will study a relevant play and be allocated roles. Students will examine typical Commedia del’ Arte masks and make a mask to suit their role in the play. Students will demonstrate their knowledge by performing a role in a scripted performance and using exaggerated postures, masks, and slapstick humour.</p>	
NZC Subject Area:	Drama	
AS or US Standard Number and Version:	91942	
Title of Standard:	Use drama techniques to perform a scripted role for an audience	
Number of Credits:	5	
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	External Digital video submission	
Course Costs:	\$0	
stationery Requirements:	An unlined exercise book or scrapbook	
Is a device needed for this course?	No	

### SEMESTER ONE LEVEL 1 ENGLISH

Course Description:	<p style="text-align: center;"><b>The texts in this course will focus on themes of resilience, justice and social issues.</b></p> <p>Students will develop a written response to a text such as 'Noughts and crosses' by Malorie Blackman or Ponamu Ponamu by Witi Ihimaera, 'An Inspector calls' by J.B Priestly or 'The Pohutakawa Tree' by Bruce Mason. Students will consider the similarities and differences of the world of the text and their own world.</p> <p>Next, students will show their understanding of how context shapes verbal language use through engaging with the language of a specified social issue or topic.</p> <p>This course links to: <b>ENGLISH OF AOTEAROA and ENGLISH WRITING</b></p>	
NZC Subject Area:	English	English
AS or US Standard Number and Version:	AS91925	AS91924
Title of Standard:	Demonstrate understanding of specific aspects of studied text	Demonstrate understanding of how context shapes verbal language use
Number of Credits:	5 cr	5 cr
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Internal/ Written response	<p style="text-align: center;">Internal/ A choice between:</p> <ul style="list-style-type: none"> <li>• a written report</li> <li>• a verbal and visual presentation</li> <li>• or an oral presentation of approximately 3-4 minutes</li> </ul>
Course Costs:	\$0	
stationery Requirements:	Red, green, black and blue pens and highlighters. A ringbinder and lined refill paper. Writing pencil and rubber. Small headphones.	
Is a device needed for this course?	Yes	

### SEMESTER ONE LEVEL 1 FOUNDATION ENGLISH

Course Description:	<p style="color: red;"><b>This course is for students who require the Literacy co-requisites. Available in Semester 1 and 2</b></p> <p>It will improve students' capabilities in reading and writing to enable them to access further learning, develop important life skills, and engage in employment and in their communities.</p> <p>Students will improve their ability to read and write texts such as: information reports, magazine articles, editorials, letters and social media posts.</p> <p>Next, students will show their understanding of how context shapes the language used around a sport including: pre or post-match sports and racing discussion, sports panel shows and interview(s) with people involved in the sports industry.</p>	
NZC Subject Area:	Literacy	English
AS or US Standard Number and Version:	US32403 and US32405:	AS91924
Title of Standard:	<p>Read written texts to understand ideas and information (Literacy Reading)</p> <p>Write texts to communicate ideas and information (Literacy Writing)</p>	Demonstrate understanding of how context shapes verbal language use
Number of Credits:	5 cr and 5 cr	5 cr
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	<p>External</p> <p>Assessment Activity</p> <p>Online Assessment</p>	<p style="text-align: center;">Internal. A choice between:</p> <ul style="list-style-type: none"> <li>• a written report</li> <li>• a verbal and visual presentation</li> <li>• or an oral presentation</li> </ul>
Course Costs:	\$0	
stationery Requirements:	Red, green, black and blue pens and highlighters. A ringbinder and lined refill paper. Writing pencil and rubber. Small headphones.	
Is a device needed for this course?	Yes	



## SEMESTER TWO LEVEL 1 ENGLISH WRITING PORTFOLIO

Course Description:	This course suits students who want to further develop their writing skills and do not want to do an external exam. It complements <b>ENGLISH and FOUNDATION ENGLISH</b>
NZC Subject Area:	English
AS or US Standard Number and Version:	AS919126
Title of Standard:	Develop ideas in writing using stylistic and written conventions
Number of Credits:	5 cr
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	External/ Common assessment activity Candidates will be required to develop ONE piece of writing of 350–700 words, either formal (non-fiction) or creative (fiction), in response to ONE prompt chosen from a range of options provided by NZQA.
Course Costs:	\$0
stationery Requirements:	Red, green, black and blue pens and highlighters. A ringbinder and lined refill paper. Writing pencil and rubber. Small headphones.
Is a device needed for this course?	Yes

## SEMESTER TWO LEVEL 1 ENGLISH OF AOTEAROA

Course Description:	Throughout a year-long teaching and learning programme, students will have studied a range of literary texts. This course prepares students for the Unfamiliar Text Reading Exam. It focuses on texts that give students the opportunity to learn about the unique nature of Aotearoa New Zealand, through the study of Māori voices and perspectives in literature.  This course complements <b>ENGLISH and FOUNDATION ENGLISH.</b>
NZC Subject Area:	English
AS or US Standard Number and Version:	AS91927
Title of Standard:	Demonstrate understanding of significant aspects of unfamiliar texts
Number of Credits:	5 cr
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	External Exam Candidates will be required to respond to THREE questions, each relating to a different short written text provided. At least one of the texts will be a poem.
Course Costs:	\$0
stationery Requirements:	Red, green, black and blue pens and highlighters. A ringbinder and lined refill paper. Writing pencil and rubber. Small headphones.
Is a device needed for this course?	Yes

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## TE REO MĀORI

### SEMESTER ONE LEVEL 1 TE AO MĀORI

Course Description:	Nau mai haere mai ki te ako Te Reo Māori. Come and learn Te Reo Māori, an official language of Aotearoa. Develop understanding of Tikanga Māori. More and more, as time goes by, we are seeing the inclusion of Te Reo Māori for areas such as road signs, place names and signage in Public spaces, such as Libraries. Develop your confidence and skills in this beautiful language. Be prepared for the many career pathways that now see the advantages of being bilingual, tikanga savvy and proud of the dual heritage of New Zealand.	
NZC Subject Area:	Te Reo Māori 1.1	Te Reo Māori 1.2
AS or US Standard Number and Version:	AS 92092	AS 92093
Title of Standard:	Te tautohu i ētahi pānga o mua ki te mauri ora o te reo.	Te whakamahi i ngā momo āhuatanga o te reo e rere ai te reo
Number of Credits:	6	4
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	<p><b>Internal Assessment</b></p> <p>You must deliver a two-minute oral presentation from the perspective you have chosen of the vitality and validity of te reo Māori because of events/attitude of the time.</p> <p>You may present this information as:</p> <ul style="list-style-type: none"> <li>• an oral presentation, using images as a visual aid</li> <li>• a visual presentation with voice over</li> <li>• a skit or monologue (this can be performed as group or in pairs but will be assessed individually)</li> <li>• As a written piece of work</li> </ul>	<p><b>Internal Assessment</b></p> <p>In this activity, students will identify and apply language features that help to strengthen language fluency. The evidence for this standard requires students to use language features by delivering a dialogue orally.</p> <p>Students are free to choose the way that they deliver the dialogue, which may be in the form of:</p> <ul style="list-style-type: none"> <li>• a prepared performance or skit</li> <li>• a conversation involving one or two other students.</li> </ul> <p>2 minutes each of kōrero</p>
Course Costs:	To be determined - outings to experience genuine contexts with speakers of Te Reo Māori	To be determined - outings to experience genuine contexts with speakers of Te Reo Māori
stationery Requirements:	1 x 1B8	1 x 1B8
Is a device needed for this course?	Yes	Yes

### SEMESTER TWO LEVEL 1 TE AO MĀORI

Course Description:	Nau mai haere mai, nau mai hoki mai ki te ako Te Ao Māori. Develop a more in depth understanding of Tikanga Māori. More and more, as time goes by, we are seeing the inclusion of Te Reo Māori for areas such as road signs, place names and signage in Public spaces, such as Libraries. Develop your confidence and skills in this beautiful language as we explore Tikanga Māori and prepare for a Te Reo Māori External Assessment. Be prepared for the many career pathways that now see the advantages of being bilingual, tikanga savvy and proud of the dual heritage of New Zealand.	
NZC Subject Area:	Te Reo Māori	Tikanga Māori
AS or US Standard Number and Version:	AS 92094	US 16160, US 27106, US 27108
Title of Standard:	Te tautohu i ētahi mātāpono Māori kei roto i te reo	<ul style="list-style-type: none"> <li>• Describe Atua Māori</li> <li>• Describe/Use whakapapa termsc</li> <li>• Protocols and roles at Pōwhiri</li> </ul>
Number of Credits:	4	3 credits, 2 credits, 2 credits
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	<p><b>External Assessment</b></p> <p>Common Assessment Activity</p>	<p><b>Internal Assessments</b></p> <p>NZQA approved booklets</p>
Course Costs:	To be determined - outings to experience genuine contexts e.g.on marae, with speakers of Te Reo Māori	To be determined - outings to experience genuine contexts e.g.on marae, with speakers of Te Reo Māori
stationery Requirements:	1 x 1B8	1 x 1B8
Is a device needed for this course?	Yes	Yes

## MATHEMATICS AND STATISTICS

### SEMESTER ONE LEVEL 1 MATHEMATICS

Course Description:	This course is for students who want to develop their mathematical skills from the basics they have learned in junior school. Learning will include: <ul style="list-style-type: none"> <li>the PPDAC cycle and the various data types (bivariate, multivariate, time series)</li> <li>interpreting and applying mathematical and statistical literacy skills</li> <li>demonstrating mathematical reasoning using mathematical methods from Number, Algebra, Geometry, and Measurement strands.</li> </ul>	
NZC Subject Area:	Mathematics & Statistics	Mathematics & Statistics
AS or US Standard Number and Version:	AS 91944 V2	AS 91945 V2
Title of Standard:	Explore data using a statistical enquiry process	Use mathematical methods to explore problems that relate to life in Aotearoa New Zealand or the Pacific region
Number of Credits:	5	5
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Internal Assessment in one of the following forms: <ul style="list-style-type: none"> <li>- Digital presentation - six to eight slides maximum</li> <li>- Written report - up to 800 words maximum</li> <li>- Video recording - up to five minutes maximum</li> <li>- Google site - up to 800 words maximum</li> </ul>	Internal Assessment in one of the following forms: <ul style="list-style-type: none"> <li>- Digital presentation - six to eight slides maximum</li> <li>- Written report - up to 800 words maximum</li> <li>- Video recording - up to five minutes maximum</li> <li>- Google site - up to 800 words maximum</li> <li>- 2 hour written assessment</li> </ul>
Course Costs:	Trip to Waihi Beach/Thames to collect data, costs to be determined. Workbooks are available but are not compulsory, costs to be determined.	Workbooks are available but are not compulsory, costs to be determined.
stationery Requirements:	Students will require 2x maths books, scientific calculator, ruler	
Is a device needed for this course?	Yes	Yes

### SEMESTER ONE LEVEL 1 FOUNDATION MATHEMATICS

Course Description:	<p style="color: red; margin: 0;"><b>This course is for students who require the Numeracy co-requisite. Available in Semester 1 and 2.</b></p> <p>Students will</p> <ul style="list-style-type: none"> <li>formulate mathematical and statistical approaches to solving problems in a range of meaningful situations</li> <li>use mathematics and statistics to meet the numeracy demands of a range of meaningful situations</li> <li>explain the reasonableness of mathematical and statistical responses to situations.</li> </ul> <p>The course will cover learning in the following areas: Number, Shape &amp; Space, Algebra and Statistics.</p>	
NZC Subject Area:	Numeracy	Mathematics & Statistics
AS or US Standard Number and Version:	US 32406 V2	AS 91944 V2
Title of Standard:	Use mathematics and statistics to meet the numeracy demands of a range of situations	Explore data using a statistical enquiry process
Number of Credits:	10	5
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	External Common Assessment Activity Online Assessment	Internal Assessment in one of the following forms: <ul style="list-style-type: none"> <li>- Digital presentation - six to eight slides maximum</li> <li>- Written report - up to 800 words maximum</li> <li>- Video recording - up to five minutes maximum</li> <li>- Google site - up to 800 words maximum</li> </ul>
Course Costs:	Workbooks are available but are not compulsory, costs to be determined.	Trip to Waihi Beach/Thames to collect data, costs to be determined. Workbooks are available but are not compulsory, costs to be determined.
stationery Requirements:	Students will require 2x maths books, scientific calculator, ruler	
Is a device needed for this course?	Yes	Yes

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## SEMESTER TWO LEVEL 1 STATISTICS

Course Description:	<p>This course is for students that wish to follow a statistical journey through Mathematics. Students will learn how to interpret and apply mathematical and statistical literacy skills to make judgements from data which applies to real world contexts.</p> <p>Learning will involve Mathematical and statistical literacy skills including:</p> <ul style="list-style-type: none"> <li>- looking into sources of variation</li> <li>- identifying misleading information</li> <li>- extracting information from given sources</li> <li>- making informed decisions based on mathematical or statistical facts (including financial literacy)</li> <li>- examining claims</li> <li>- interpreting information and connecting to a context.</li> </ul>
NZC Subject Area:	Mathematics & Statistics
AS or US Standard Number and Version:	AS 91946 V2
Title of Standard:	Interpret and apply mathematical and statistical information in context
Number of Credits:	5
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	External Report Digital Submission Due Term 3 (October)
Course Costs:	Workbooks are available but are not compulsory, costs to be determined
stationery Requirements:	Students will require 1x maths books, scientific calculator, ruler
Is a device needed for this course?	Yes

## SEMESTER TWO LEVEL 1 MATHEMATICS

Course Description:	<p>This course is for students that wish to follow a Mathematical journey in the future. Students will learn to demonstrate mathematical reasoning using mathematical methods from:</p> <ul style="list-style-type: none"> <li>- Number</li> <li>- Algebra</li> <li>- Geometry</li> <li>- Measurement.</li> </ul>
NZC Subject Area:	Mathematics & Statistics
AS or US Standard Number and Version:	AS 91947 V2
Title of Standard:	Demonstrate Mathematical Reasoning
Number of Credits:	5
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	External Examination Paper Based Term 4 (November)
Course Costs:	Workbooks are available but are not compulsory, costs to be determined.
stationery Requirements:	Students will require 1x maths books, scientific calculator, ruler
Is a device needed for this course?	Yes

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## SEMESTER TWO LEVEL 1 FOUNDATION MATHEMATICS

Course Description:	<p><b>This course is for students who require the Numeracy co-requisite. Available in Semester 1 and 2.</b></p> <p>Students will</p> <ul style="list-style-type: none"> <li>• formulate mathematical and statistical approaches to solving problems in a range of meaningful situations</li> <li>• use mathematics and statistics to meet the numeracy demands of a range of meaningful situations</li> <li>• explain the reasonableness of mathematical and statistical responses to situations.</li> </ul> <p>The course will cover learning in the following areas: Number, Shape &amp; Space, Algebra and Statistics.</p>
NZC Subject Area:	Numeracy
AS or US Standard Number and Version:	AS 32406 V2
Title of Standard:	Use mathematics and statistics to meet the numeracy demands of a range of situations
Number of Credits:	10
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	External Common Assessment Activity Online Assessment Term 4 (approximately week 5)
Course Costs:	Workbooks are available but are not compulsory, costs to be determined.
stationery Requirements:	Students will require 1x maths books, scientific calculator, ruler
Is a device needed for this course?	Yes

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## HEALTH AND PHYSICAL EDUCATION

### SEMESTER ONE LEVEL 1 - HEALTH STUDIES

Course Description:	During Health Studies you will work independently, in small groups and as a class to complete assessments based around topics which are current, and relevant to your lives ensuring you have a clear understanding of well-being, as well as learning how to make decisions in a health related situation.	
NZC Subject Area:	Health Studies	Health Studies
AS or US Standard Number and Version:	92008	92009
Title of Standard:	Whanaungatanga - Self Demonstrate understanding of well-being through the application of a model of health	From surviving to thriving Demonstrate understanding of a decision making process in a health related situation
Number of Credits:	5	5
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	<ul style="list-style-type: none"> <li>- A video presentation of 2-4 minutes</li> <li>- A screencast of 2-4 minutes</li> <li>- A narrated digital slide show of 2-4 minutes</li> <li>- A written report of 750-800 words</li> <li>- A podcast/video recording interview of 2-4 minutes (peer assessment)</li> </ul>	<ul style="list-style-type: none"> <li>- A video presentation of 2-4 minutes</li> <li>- A screencast of 2-4 minutes</li> <li>- A narrated digital slide show of 2-4 minutes</li> <li>- A written report of 750-800 words</li> <li>- A podcast/video recording interview of 2-4 minutes (peer assessment)</li> </ul>
Course Costs:	Nil	Nil
stationery Requirements:	1B5 & pens	1B5 & pens
Is a device needed for this course?	Yes	Yes

### SEMESTER TWO LEVEL 1 - HEALTH STUDIES

Course Description:	During Health studies in semester 2 you will be looking at understanding and developing strategies to help enhance your own well-being.	
NZC Subject Area:	Health Studies	
AS or US Standard Number and Version:	92011 1.4	
Title of Standard:	Consent Demonstrate understanding of strategies that enhance Hauora	
Number of Credits:	5	
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Digital Report submitted electronically to NZQA	
Course Costs:	Nil	
stationery Requirements:	1B5 & Pens	
Is a device needed for this course?	Yes	

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## SEMESTER ONE LEVEL 1 - PHYSICAL EDUCATION

Course Description:	Students will participate in a variety of different movement contexts to develop their knowledge and skills. They will also learn new ways to promote kotahitanga both in school and the wider community.	
NZC Subject Area:	Health & Physical Education	Health & Physical Education
AS or US Standard Number and Version:	92016	92017
Title of Standard:	Demonstrate movements in contexts	Demonstrate understanding of strategies that promote kotahitanga in movement
Number of Credits:	5	5
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Observations Peer/Teacher Rubrics photo/video of game play	Student reflection - journal Visual video
Course Costs:	Nil	Nil
stationery Requirements:	1B5 & Pens	1B5 & Pens
Is a device needed for this course?	Yes	Yes

## SEMESTER TWO LEVEL 1 - PHYSICAL EDUCATION

Course Description:	Students will work towards understanding the relationship between movement and their Hauora during physical activity.	
NZC Subject Area:	Health & Physical Education	
AS or US Standard Number and Version:	92018	
Title of Standard:	Demonstrate understanding of the relationship between movement and Hauora	
Number of Credits:	5	
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Portfolio - digital or written	
Course Costs:	Nil	
stationery Requirements:	1B5 & Pens	
Is a device needed for this course?	Yes	

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## SEMESTER ONE LEVEL 1 - OUTDOOR EDUCATION

Course Description:	Students will learn about the preparation for safe fun participation in a range of activities in the Outdoors. In Term 1 the focus is water based including snorkling, bodyboarding, surfing, SUP, kayaking and Waka Ama. In Term 2 the focus is Mountain biking on local tracks which includes learning basic maintenance and risk management		
NZC Subject Area:	Outdoor Education	Outdoor Education	
AS or US Standard Number and Version:	US 32842 V1 US 32837 V1	US 20137 V2 US 20138 V2	
Title of Standard:	*Personal Awareness and positive behaviours while in the outdoors *Knowledge of introductory preparation for an outdoor activity	*Demonstrate MTB on grade 1(2cr) *Setup and undertake basic maintenance of a mountain bike for outdoor recreation (2 L2 cr)	
Number of Credits:	5	4	
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Student Log book	Rubric from teacher and paired observations Video evidence / photos	
Course Costs:	\$220		
stationery Requirements:	NIL		
Is a device needed for this course?	Preferably but not essential		

## SEMESTER TWO LEVEL 1 - OUTDOOR EDUCATION

Course Description:	Students will develop tramping and camping skills as they experience three tramps and two overnight camps. Concepts of Kaitiakitanga and Whakawhanaungatanga are central to developing an understanding and appreciation of local NZ bush. To end the semester, students will experience the challenge and excitement of rock climbing.			
NZC Subject Area:	Physical Education - Outdoor Education			
AS or US Standard Number and Version:	US 425 V7 ,	US 426 V7	US 32834 V1	US 20210 V3
Title of Standard:	Participate in Day Tramps	Participate in overnight camps	Demonstrate introductory knowledge of weather, the Land Safety Code, and maps in the outdoors	Demonstrate skills for introductory rock climbing.
Number of Credits:	2	2	3	2
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Student theory workbook and teacher observation against Rubric	Student theory workbook and teacher observation against Rubric	Student workbook and teacher observation against rubric during activities	Student workbook and teacher/instructor observation against rubric during activities
Course Costs:	\$110			
stationery Requirements:	NIL			
Is a device needed for this course?	Preferably but not essential			

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## SEMESTER ONE SPORTS EDUCATION

<b>Course Description:</b>	This course focuses on the more practical side of Physical Education. It will offer you the opportunity to experience and participate in a wide range of physical activities, in a variety of contexts. You will study leadership & coaching as well as looking at risk management strategies to keep groups safe while participating in outdoor activities. The focus of this course is to equip you with the necessary skills to maintain and develop your interpersonal skills in a variety of settings. This is to maintain and develop your personal well-being, both now and in the future; as well as having the opportunity to learn and participate in new games.	
<b>NZC Subject Area:</b>	Physical Education	Physical Education
<b>AS or US Standard Number and Version:</b>	91330 v3	91334 v2
<b>Title of Standard:</b>	Perform a physical activity in an applied setting.	Social responsibility through participation.
<b>Number of Credits:</b>	4	3
<b>Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):</b>	Performance over time	Written report based on physical activities
<b>Course Costs:</b>	\$0	\$0
<b>Stationary Requirements:</b>	none	none
<b>Is a device needed for this course?</b>	No	No

## SEMESTER TWO SPORTS EDUCATION

<b>Course Description:</b>	In this course you will further develop your fitness and skill levels. Your focus in this semester is on teamwork	
<b>NZC Subject Area:</b>	Core Generic	Core Generic
<b>AS or US Standard Number and Version:</b>	US496	US3503 v7
<b>Title of Standard:</b>	Produce, implement, and reflect on a plan to improve own personal wellbeing/hauora	Communicate in a team or group to complete a routine task
<b>Number of Credits:</b>	3	2
<b>Course Costs:</b>	\$0	\$0
<b>Stationary Requirements:</b>	None	None
<b>Is a device needed for this course?</b>	No	No

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## TECHNOLOGY

### SEMESTER ONE LEVEL 1 BUILDING AND CONSTRUCTION

Course Description:	This course is designed to develop students' skills and abilities in the building trade. Designing, marking out, cutting, shaping and joining materials to complete a range of practical projects. The standards offered in this course are provided by the Building and Construction Industry Training Organisation. At least two practical projects are completed including a toolbox and storage chest.		
NZC Subject Area:	Technology	Technology	Technology
AS or US Standard Number and Version:	US 24352 Version 3	US 24355 Version 3	US 25919 Version 3
Title of Standard:	Demonstrate and apply knowledge of safe working practices and use PPE during the construction of a BCATS project.	Demonstrate knowledge of construction and manufacturing materials used in BCATS projects.	User hardware and fastenings for BCATS projects.
Number of Credits:	2 level 1 credits	4 Level 1 credits	2 Level 1 Credits
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Internally assessed while students complete their practical projects.	Internally assessed while students complete their practical projects	Internally assessed while students complete their practical projects.
Course Costs:	Total course cost: \$30		
stationery Requirements:	No	No	No
Is a device needed for this course?	No	No	No

### SEMESTER TWO LEVEL 1 BUILDING AND CONSTRUCTION

Course Description:	This course is designed to further develop student's skills and abilities in the building trade with a specific focus on the different workshop processes needed to complete a successful project. Students will construct a coffee table or similar item of furniture while also completing documentary evidence of the building process. Students will also learn about the range of construction trades required to build a house and the order in which they work.	
NZC Subject Area:	Technology	Technology
AS or US Standard Number and Version:	24356 Version 3	31512 Version 1
Title of Standard:	Apply elementary workshop procedures and processes for a BCATS project.	Knowledge of BCATS trades.
Number of Credits:	8 Level 1 credits	2 Level 1 credits
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Internally assessed while students complete their practical project.	Internally assessed.
Course Costs:	Total course cost: \$20	
stationery Requirements:	No	No
Is a device needed for this course?	No	No

## SEMESTER ONE LEVEL 1 FOOD TECHNOLOGY

Course Description:	This course allows students to build their fundamental cookery skills while planning, preparing for and creating their own function based around the concept of Manaakitanga.	
NZC Subject Area:	Technology	Hospitality
AS or US Standard Number and Version:	AS 92012	US15900
Title of Standard:	Develop a Materials and Processing Technology outcome for an authentic context	Prepare, cook and present a range of meat dishes
Number of Credits:	6	4
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Internal ( portfolio of work )	Internal (portfolio of photographic evidence plus assessment task)
Course Costs:	\$0	\$0
stationery Requirements:	Print credit	Print credit
Is a device needed for this course?	Yes	Yes

## SEMESTER TWO LEVEL 1 HOSPITALITY

Course Description:	Get ready to create and run your own function. Learn the finer cookery skills needed for detailed canape work while creating delicious mocktails to serve at an end of year function	
NZC Subject Area:	Hospitality	
AS or US Standard Number and Version:	US15919 v6, Us21507v5	
Title of Standard:	Prepare and present a range of Finger food for service . Prepare construct and garnish mocktails for the Hospitality Industry	
Number of Credits:	2,2	
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Portfolio of photographic evidence plus practical assessment.	
Course Costs:	\$0	
stationery Requirements:	Print credit plus 1B5	
Is a device needed for this course?	No	

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## SEMESTER ONE LEVEL 1 HARD MATERIALS TECHNOLOGY

Course Description:	This course combines the knowledge of design with the practical aspects of engineering. Students will create their own design through DVC practice and then follow through the design process to turn their vision into reality in the workshop.	
NZC Subject Area:	Design and Visual Communication.	Materials and Processing Technology 1.1
AS or US Standard Number and Version:	AS 92001 V2	AS 92012 V2
Title of Standard:	Use representation techniques to visually communicate own product or spatial designs outcome.	Develop a Materials and Processing technology outcome for an authentic context
Number of Credits:	5	6
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Internal ( portfolio of work )	Internal ( portfolio of work )
Course Costs:	\$0	Take home cost components will vary with each student's design but costs will be communicated early in the design process.
stationery Requirements:	Print credit	Print credit
Is a device needed for this course?	Yes	Yes

## SEMESTER TWO LEVEL 1 HARD MATERIALS TECHNOLOGY

Course Description:	For this semester students will be working on their own design vision. They will play with a wide range of materials learning how to transform and manipulate them before creating their own design.	
NZC Subject Area:	Technology	
AS or US Standard Number and Version:	AS 92013 V2	
Title of Standard:	Develop a Materials and Processing Technology outcome by transforming, manipulating, or combining different materials.	
Number of Credits:	6	
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Internal (portfolio of photographic evidence plus assessment task)	
Course Costs:	Take home cost components will vary with each student's design but costs will be communicated early in the design process.	
stationery Requirements:	Print credit	
Is a device needed for this course?	Yes	

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## SEMESTER ONE LEVEL 1 - DIGITAL TECHNOLOGY

Course Description:	Discover the world of Digital Technology through Computer Programming and Designing for Digital Outcomes, where your creativity knows no bounds. Learn to create interactive digital solutions and bring your ideas to life using coding. But this course offers more than just coding; you'll be challenged to design impressive digital projects and tackle real-world issues. With engaging projects and personalized support, you'll master the art of developing your own tech creations. Embark on this thrilling adventure with Digital Technology and become a trailblazer of the future in the tech world!	
NZC Subject Area:	Technology	Technology
AS or US Standard Number and Version:	AS92004	AS92007
Title of Standard:	Create a computer program	Design a digital technologies outcome
Number of Credits:	5	5
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Internal - Portfolio	External - Portfolio
Course Costs:	Students may incur some costs throughout the course depending on what they decide to make throughout the course. <i>(For example, if they choose to build a personal computer and wish to purchase additional parts.)</i> <i>Please note: Purchasing additional parts/components are not required to be successful or pass the course.</i>	
stationery Requirements:	A 16GB+ USB is highly recommended for all students.	
Is a device needed for this course?	Yes - While Digital Technology students have access to desktop computers at school it is highly recommended that students have access to a home or personal laptop/computer after hours.	

## SEMESTER TWO LEVEL 1 - DIGITAL TECHNOLOGY

Course Description:	In the second semester, students dive into their capstone project, drawing inspiration from the world, personal interests, and current trends. With engaging projects and personalised support, they'll master the art of developing their own digital tech creations. These projects are fully customised to align with individual interests, career ambitions, and life beyond school. Embark on this thrilling adventure with Digital Technology and become a trailblazer of the future in the tech world!	
NZC Subject Area:	Technology	Technology
AS or US Standard Number and Version:	AS92005	AS92007
Title of Standard:	Develop a digital technologies outcome	Design a digital technologies outcome
Number of Credits:	5	5
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Internal - Portfolio	External - Portfolio Further Assessment Opportunity
Course Costs:	Students may incur some costs throughout the course depending on what they decide to make throughout the course. <i>(For example, if they choose to build a personal computer and wish to purchase additional parts.)</i> <i>Please note: Purchasing additional parts/components are not required to be successful or pass the course.</i>	
stationery Requirements:	A 16GB+ USB is highly recommended for all students.	
Is a device needed for this course?	Yes - While Digital Technology students have access to desktop computers at school it is highly recommended that students have access to a home or personal laptop/computer after hours.	

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## PATHWAYS AND TRANSITIONS

### LEVEL ONE TE ARA TUPU LITERACY (FULL YEAR COURSE)

Course Description:	Sharpen up your reading, writing, speaking and digital literacy skills so that you are all sorted for NCEA and beyond. You'll learn how to sift, sort, skim and scan when reading, and how to structure, edit, proofread and reference your written work. You'll become proficient using Google docs and slides, and learn how to organise and manage folders in Google Drive. You'll be also taught how to communicate effectively and professionally via conversation, email and messages. Literacy support will be available for internals that you are working on in other subjects.
US Standard Number, Version and Title of Standard:	33246 Apply basic literacy skills in structured and familiar contexts (5 credits)
US Standard Number, Version and Title of Standard:	33248 Apply basic skills in digital literacy in structured and familiar contexts (5 credits)
US Standard Number, Version and Title of Standard:	33249 Apply basic skills in literacies in structured and familiar contexts (Foundation Skills) (5 credits)
Total Number of Credits Available:	15
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Portfolio
Course Costs:	No cost
Stationary Requirements:	Pencil case containing 2 x pencils, erasable blue and red pens, highlighters, eraser, sharpener and 15cm ruler. 1 x 2B8
Is a device needed for this course?	Not essential, but highly recommended

### LEVEL ONE TE ARA TUPU PROJECTS (FULL YEAR COURSE)

Course Description:	You'll learn about team work and event management before getting stuck into a range of hands-on projects designed to make a difference in our community. We'll then focus on leadership techniques and you'll get the chance to lead your own project or activity.
US Standard Number, Version and Title of Standard:	33244 Interact with people from own and other cultures in familiar situations (5 credits)
US Standard Number, Version and Title of Standard:	33250 Describe the leadership qualities of a rangatira (5 credits)
US Standard Number, Version and Title of Standard:	33251 Describe implications for self in relation to the leadership qualities of an individual rangatira (10 credits)
Total Number of Credits Available:	20
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Observation of project work Portfolio of evidence including written work, photos and videos
Course Costs:	No cost
Stationary Requirements:	Pencil case containing 2 x pencils, erasable blue and red pens, highlighters, eraser, sharpener and 15cm ruler. 1 x 2B8
Is a device needed for this course?	Not essential, but highly recommended

## LEVEL ONE TE ARA TUPU SORTED (FULL YEAR COURSE)

Course Description:	This is all about getting yourself sorted for NCEA, work and life. You'll learn how to manage your school and personal life, study skills, and some coping strategies when things don't go to plan at school, or at home. In the second half of the year you'll focus on possible future pathways and work-ready skills.
US Standard Number, Version and Title of Standard:	33157 Describe self-management and resilience strategies for self (3 credits)
US Standard Number, Version and Title of Standard:	33241 Develop self-management and resilience strategies to organise personal life (4 credits)
US Standard Number, Version and Title of Standard:	33242 Develop self-management and resilience strategies to maintain and/or improve own wellbeing (4 credits)
US Standard Number, Version and Title of Standard:	33243 Develop self-management and resilience strategies to continue learning (4 credits)
US Standard Number, Version and Title of Standard:	33245 Interact with people at work and in the community in familiar situations (5 credits)
Total Number of Credits Available:	20 credits
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Portfolio of evidence including written work, photos and videos
Course Costs:	No cost
Stationary Requirements:	Pencil case containing 2 x pencils, erasable blue and red pens, highlighters, eraser, sharpener and 15cm ruler. 1 x 2B8
Is a device needed for this course?	Not essential, but highly recommended

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## SCIENCE

### SEMESTER ONE LEVEL 1 SCIENCE: NGĀ TĀNGATA ME TE TĀIAO

Course Description:	The strength of humans is our ability to work together to change our surroundings but since the industrial revolution we have started to affect our environment on a global scale. In this subject ākonga will focus on some human driven chemical reactions and the changes these reactions have on the taiao. This subject is ideal for those students looking to use Science knowledge for the betterment of our shared future. Pathways from this course include Level 2 Chemistry, Biology, and Applied Science.	
NZC Subject Area:	Chemistry & Biology	Physics Earth & Space Science
AS or US Standard Number and Version:	AS 92021	AS 92044
Title of Standard:	Demonstrate understanding of a chemical reaction in the taiao	Demonstrate understanding of human-induced changes within the Earth system
Number of Credits:	6	5
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Internal Universal Design for Learning internal	Internal Universal Design for Learning internal
Course Costs:	Print credit	Print credit
stationery Requirements:	2B8 exercise book	2B8 exercise book
Is a device needed for this course?	Yes	Yes

### SEMESTER TWO LEVEL 1 SCIENCE: THE KEY TO LIFE

Course Description:	This course is an introduction to genetics and microorganisms. It will cover the basic principles of gene expression and inheritance so that we can better guide human intervention in medical diagnosis, forensic investigation and conservation. Ākonga will also learn about the diversity of microorganisms, their role in the environment, their impact on human health as well as the various ways humans use microorganisms in our everyday lives. Pathways from this course include Level 2 Chemistry, Biology, and Applied Science.	
NZC Subject Area:	Chemistry and Biology	Chemistry and Biology
AS or US Standard Number and Version:	AS 92022	AS 92020
Title of Standard:	Demonstrate understanding of genetic variation in relation to an identified characteristic	Demonstrate understanding of the relationship between a microorganism and the environment
Number of Credits:	5	5
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	External Digital report Term 4 Week 3 (October)	Internal Universal Design for Learning internal
Course Costs:	Print credit	Print credit
stationery Requirements:	2B8 exercise book	2B8 exercise book
Is a device needed for this course?	Yes	Yes

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## SEMESTER ONE LEVEL 1 SCIENCE: THE SEARCH FOR TRUTH

Course Description:	With the influx of information available from the multitude of media available to us it is becoming more difficult to separate scientific facts from falsehoods meant to manipulate the public. This course examines the methods and techniques used to determine the truth about the information that we are fed daily. Ākonga will critically analyse the biases that can be found in the media and be provided with tools that can be used to evaluate the validity of the claims of others. Pathways from this course include Level 2 Chemistry, Biology, and Applied Science.	
NZC Subject Area:	Science	Science
AS or US Standard Number and Version:	AS 91920	AS 91921
Title of Standard:	Develop a science informed response to a local socio-scientific issue	Use a range of scientific investigative approaches in a taiao context
Number of Credits:	5	5
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Internal Universal Design for Learning internal	Internal Portfolio of investigations
Course Costs:	Print credit	Print credit
stationery Requirements:	2B8 exercise book	2B8 exercise book
Is a device needed for this course?	Yes	Yes

## SEMESTER TWO LEVEL 1 SCIENCE: EXPERIMENTING IN ENERGY

Course Description:	The purpose of this course is to gain a deeper understanding of the rules of our universe, through a combination of hands-on experiments, modelling and a study of the flow of energy. This subject is ideal for those curious ākonga who want to prod the world to see what happens. Those ākonga wishing to extend themselves can also opt into testing their knowledge of the way energy moves through our world with an examination. Pathways from this course include Level 2 Physics.	
NZC Subject Area:	Physics, Earth and Space Science	Physics, Earth and Space Science
AS or US Standard Number and Version:	AS 92045	AS 92047
Title of Standard:	Demonstrate understanding of a physical phenomenon through investigation	Demonstrate understanding of energy in a physical system
Number of Credits:	5	5
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Internal Portfolio of Investigations	External Digital examination End of Year NCEA Exam
Course Costs:	Print credit	Print credit
stationery Requirements:	2B8 exercise book	2B8 exercise book
Is a device needed for this course?	Yes	Yes

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## SEMESTER ONE LEVEL 1 SCIENCE: HORTICULTURE WITH A VEGETABLE GARDEN

Course Description:	Horticulture involves learning how to grow plants, along with the skills needed. In this course, you will get to grow your own vegetable garden. There is not much theory, but students do need to keep a diary or record of what they do. Pathways from this course include Level 2 Horticulture.	
NZC Subject Area:	Horticultural	Horticulture
AS or US Standard Number and Version:	US 1	US 29508
Title of Standard:	Prepare and sow outdoor seedbeds manually	Sow seeds and monitor germination and emergence
Number of Credits:	5	5
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Internal	Internal
Course Costs:	Print credit	Print credit
stationery Requirements:	2B8 exercise book for the whole semester	
Is a device needed for this course?	No	No

## SEMESTER ONE LEVEL 2 SCIENCE: HORTICULTURE GROWING PLANTS IN A GREENHOUSE

Course Description:	Horticulture involves learning how to grow plants in containers in a greenhouse, along with the skills needed. There is not much theory, but students do need to keep a diary or record of what they do. Pathways from this course include Level 2 Horticulture.	
	Horticulture	Horticulture
AS or US Standard Number and Version:	US 23783	US 23782
Title of Standard:	Grow and maintain plants in containers from seed.	Identify containers, materials, plants, and tools used in plant propagation
Number of Credits:	5	2
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Internal	Internal
Course Costs:	Print credit	Print credit
stationery Requirements:	2B8 exercise book for the whole semester, or for the whole year if you are doing Horticulture in Semester 1	
Is a device needed for this course?	No	No

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## SOCIAL SCIENCES

### SEMESTER ONE LEVEL 1 GEOGRAPHY

Course Description:	Geography is the study of te taiao and the interconnections within. We consider the question "What Is Where, Why There, and Why Care?" so we can make sense of place. Te taiao consists of all things that make up the surrounding environment. This includes features such as rivers, mountains, people, buildings, and infrastructure. Te taiao can exist at different scales and can be located wherever we place ourselves.	
NZC Subject Area:	Geography	Geography
AS or US Standard Number and Version:	91932 v2	91933 v2
Title of Standard:	Demonstrate understanding of the spatial distribution of phenomena and its impacts within te taiao	Explore te taiao using data
Number of Credits:	5	5
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Internal -	Internal
Course Costs:	Nil	Nil
stationery Requirements:	Pen/2B8 Exercise Book	Pen/2B8 Exercise Book
Is a device needed for this course?	No	No

### SEMESTER TWO LEVEL 1 GEOGRAPHY

Course Description:	Geography is the study of te taiao and the interconnections within. We consider the question "What Is Where, Why There, and Why Care?" so we can make sense of place. Te taiao consists of all things that make up the surrounding environment. This includes features such as rivers, mountains, people, buildings, and infrastructure. Te taiao can exist at different scales and can be located wherever we place ourselves.	
NZC Subject Area:	Geography	
AS or US Standard Number and Version:	AS 91935 - v2	
Title of Standard:	Demonstrate understanding of geographic decision-making in Aotearoa New Zealand or the Pacific	
Number of Credits:	5	
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Online Exam - resource based	
Course Costs:	Nil	
stationery Requirements:	Pen/2B8 Exercise Book	
Is a device needed for this course?	No	

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## SEMESTER ONE - LEVEL 1 HISTORY

Course Description:	History is the study of the past in order to understand the present. This information helps make decisions that influence the future. In this semester we'll focus on New Zealand's involvement in, and treatment of, the Pacific countries and their people.	
NZC Subject Area:	History	
AS or US Standard Number and Version:	AS 92024	AS 92025
Title of Standard:	Engage with a variety of primary sources in a historical context	Demonstrate understanding of the significance of a historical context
Number of Credits:	5	5
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	Internal - research project	Internal - written report
Course Costs:	No charge	
stationery Requirements:	Own pencil case containing: Red erasable pen. Blue erasable pen, 2 x highlighters, Pencil, Eraser, Sharpener, 15cm ruler 1 x 2B8	
Is a device needed for this course?	Yes	

## SEMESTER TWO - LEVEL 1 HISTORY

Course Description:	History is the study of the past in order to understand the present. This information helps make decisions that influence the future. In this semester we'll focus on New Zealand's protest movements and their impact on Aotearoa today.	
NZC Subject Area:	History	
AS or US Standard Number and Version:	92026	
Title of Standard:	Demonstrate understanding of historical contexts in contexts of significance to Aotearoa New Zealand	
Number of Credits:	5	
Methods of Assessment (Internal/External and how assessment is completed eg UDL, portfolio, performance):	External - Digital Report (due Week 2, Term 4)	
Course Costs:	No charge	
stationery Requirements:	Own pencil case containing: Red erasable pen, Blue erasable pen, 2 x highlighters, Pencil, Eraser, Sharpener, 15cm ruler 1 x 2B8	
Is a device needed for this course?	Yes	

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# Te Kura Correspondence

Te Kura Correspondence offers students the chance to study a subject that is currently not on offer in their own school OR if there is a clash of subjects.

**YOU MUST BE ABLE TO WORK INDEPENDENTLY AND BE VERY SELF MOTIVATED. You should be achieving already at a high level (equivalent of MERIT or EXCELLENCE) to take on an e-learning course.**

**Students wishing to take Te Kura courses should still complete 6 regular option choices. Applications for Te Kura can be made on the option form and will be subject to interview and prior ability/experience (Jo Howell/Kate Morley)**

Correspondence allows you to study for a subject that is not available at your school or when you have a clash of subjects. You will be provided with learning booklets and an online tutor who will give you advice and guidance as you go.

For a full list of subjects on offer through the Correspondence School go to: <https://www.tekura.school.nz/learning-programmes/>

# SUPER TUESDAY COURSES & TRADES ACADEMIES

**Super Tuesday:** Students pick ONE course in SEMESTER A and ONE in SEMESTER B (see outlines below)

[Trades Academy:](#) FULL YEAR COURSES (p31)

SEMESTER A	Duke of Edinburgh	Challenge yourself to leave your comfort zone and discover the world around you. You'll get fitter, learn new skills, help others and go on an outdoor journey. The Award is recognised internationally and will look fantastic on your CV. To find out more go to <a href="https://dofehillary.org.nz/">https://dofehillary.org.nz/</a>
	Dungeon and Dragons and You (DnDnY)	Are you ready to dive into a world of magic, monsters, and endless adventure? Cast spells, fight giants, befriend mighty dragons, and live out childhood dreams in the new Dungeons and Dragons Super Tuesday course. For all of the <i>Stranger Things</i> fans who want to know what the DnD hype is about; for people who love world building and want to explore their imagination, tackle great foes and find fun ways to communicate with friends. The adventure waits.
	EVelocity	EVelocity, we are building more than just electric vehicles – we're building the next generation of innovators, along with the skills they need to make a positive impact on their future, and the world they live in. Our program envisions a cleaner, more resilient future where every young Kiwi can be a leader in sustainable technologies. Build them in semester 1, race day in early October. Check out the website at EVelocity to see more.
	Artistry Unveiled: Costume and Wearable Art Creations	Unveil your inner artist in "Artistry Unveiled" where you'll explore the captivating world of costume and wearable art. Delve into the techniques, tools, and inspirations behind these transformative creations. From historical recreations to avant-garde designs, this course will nurture your creative talents, equipping you with the skills to turn fabrics and materials into wearable works of art.
	Kapa Haka	Students will work with the current Kapa Haka roopu to learn maori performing arts in the form of waiata, haka, mōteatea while learning more about Māori tikanga. Students will work towards performances for the Matariki and Hauraki festivals with performances based on local stories and knowledge.
	Go Girl!	Was building confidence one of your goals to work on this year? Did you want to start trying new things with like minded people? This course will help you explore different mindful and low intensity exercises to help you grow healthy and long lasting habits. You can expect to walk the beach, learn to use gym equipment, learn about what makes you you, and maybe go downtown for lunch every now and then. We will aim to improve self esteem and teach empowerment tools to aid in lifelong well-being.
	Shark Tank for Good	Make your mark as a positive business producer and leader!! Are you passionate about creating a business, product or providing a service for positive change in our Kura? This program will focus on philanthropy, innovation, and leadership. In a first, you will create a charitable fund for Waihi College, serving as a vital funding vehicle for akonga when they need it most. This initiative will help to turn your innovative business ideas or products into actionable solutions. You will develop your business acumen and at the end of the course you'll present your idea "for good" in a Shark Tank competition judged by top business experts. This course is your gateway to transform your ideas and make your mark through purposeful business creation and innovation.
	Upcycle it!	Unlock your inner DIY enthusiast in Upcycle it! Discover the art of transforming ordinary wooden pallets into stunning, functional pieces of furniture. From rustic coffee tables to charming planter boxes, phone holding devices and space saving spice racks, this hands-on course will teach you the skills and creativity needed to upcycle and repurpose the materials, turning them into beautiful and eco friendly additions to your room, home or garden.
	Gateway	An opportunity for you to experience a day in the workplace aligned to your chosen career pathway. Students will be placed with local businesses and organisations to 'have a go' at a career that interests them
SEMESTER B	Let sparks fly !	Combine a love for upcycling with a creative flair. Design and make your own art installation, garden sculpture or just something cool for your room! Get your hands dirty in the engineering workshop welding, grinding and painting. Your imagination is your only limitation !
	Clueless cooking	Do your whanau grab the fire extinguisher every time you go into the kitchen ? Is the only music playing for you the smoke alarm ? Do you want to be able to make simple and delicious meals for yourself ? Then this is the course for you . Set in a stress free, student paced environment you will learn how to survive in that scary kitchen environment and cook your way through your wish list of dishes .
	Sporty Self Care	Discover the world of athletic well-being in 'Sporty Self Care.' Dive into the essentials of sports injury management through basic strapping techniques, simple sports massage methods and even the ancient art of reflexology. Gain insights into potential professions like physiotherapy and osteopathy, and learn how to keep yourself and others in peak physical form. Elevate your knowledge while exploring hands-on skills that will empower your journey of enjoying sports for life and or a career in sports or healthcare.
	Environmental Projects	Climate Change, Biodiversity loss, Pollution, Deforestation, Sea-level rise. Now more than ever the time to 'Think Global and Act Local' is upon us. This student driven course asks, what can we do to improve the environment in our local area? As a group we will decide on our course of action. Previous years actions have included riparian planting, dune/river maintenance, helping primary schools with gardening and wetland restoration.
	Outdoor Pursuits	For those who have a thirst of being active in the outdoors and a sense of adventure and could not take Outdoor Education Students taking this class will learn about planning, preparing and participating in a range of outdoor activities. They will learn about what is involved in booking activities for a group and well as the risk management around these types of planned outings.
	Kapa Haka	Students will work with the current Kapa Haka roopu to learn maori performing arts in the form of waiata, haka, mōteatea while learning more about Māori tikanga. Students will work towards performances for the Matariki and Hauraki festivals with performances based on local stories and knowledge.
	Sherlock Holmes	The opportunity to explore new horizons and learn about the skills needed for private investigation and investigation in general. This is an introductory course where you will learn about laws, having an eye for detail, sharp critical thinking, and a passion for unearthing evidence and the truth by developing your interview skills. The course will challenge your thinking and provide you with a set of new and unique skills.
	Studious Studio	Do you feel like you are out of class a lot and can't keep up with you classwork? Are you running out of time and need a few more moments on your assessments? Is the idea of your externals and studying stressing you out? Study Masters is here to help ease some fears and keep you on track. This class is a quiet study space to give you extra time and guidance to complete your mahi to the best of your ability.
	Gateway	An opportunity for you to experience a day in the workplace aligned to your chosen career pathway. Students will be placed with local businesses and organisations to 'have a go' at a career that interests them

# TRADES ACADEMIES

Trades Academies offer students the opportunity to start their journey in a particular career. Courses are for a full year.

Waihi College partners with WINTEC and PACIFIC COAST TRAINING INSTITUTE to offer Trades Academies.

**\*Students must be 15 years old by 01/03/2024 to enrol at WINTEC Trades Academy**

## Trades Academy Tuesday Courses (mostly available to Year 11 students):

- **Manufacturing (PCTI)** Whether you are looking to get a job in the food industry, start a small business or develop a food concept, this course is for you. The programme combines food, business/market and manufacturing concepts into one course. This course is a 'gate to plate' concept ensuring that graduates are familiar with factors influencing food products, quality, packaging and storage in the marketplace. This course is offered by Pacific Coast training Organisation in partnership with Waihi College and offers approximately 28 Level 2 credits.
- **WINTEC Trades Academy – Construction and Manufacturing** If you are interested in a career in electrical, building or engineering trades and would like to join the WINTEC Trades Academy in Kopu on Tuesdays, this is the course for you. You will complete approximately one term on each of these pathways so that you can get a basic skill base in each. Approximately 26 Level 2 credits.
- **WINTEC TRADES ACADEMY - Hair and Beauty** - If you are interested in a career in either hair or beauty this course will give you an introduction to both fields. You will complete full days of training in a salon environment as well as complete theory work on a digital platform. Approximately 20 Level 2 credits.

## Other Trades Academy Courses (available to Year 11 and 12 students by application):

**WINTEC Trades Academy - Non Tuesday Courses** - There are a number of Trades Academy courses available on other days of the week. While priority is given to Year 12 and 13 students, any Year 11 students who are interested should express their interest to Carolyn Graveson (Careers Advisor) as there may be some additional spaces available [carolyng@waihicol.school.nz](mailto:carolyng@waihicol.school.nz)

Each Trades Academy offers a minimum of 20 credits

For full information, you can visit the WINTEC website [WINTEC](#) Trades Courses are all LEVEL 2 and/or 3 .

If you are interested in any of the Trades Academies (Level 2 or 3), please see Mrs Graveson [carolyng@waihicol.school.nz](mailto:carolyng@waihicol.school.nz)

\*Please note that spaces are limited

- Level 2 Manufacturing and Technology
- Level 2 Construction and Infrastructure
- Level 2 Electrical Engineering
- Level 2 Outdoor Experience
- Level 2 Landscape and Tree Work
- Level 2 Social and Community Services Sector
  
- Level 3 Certificate in Building and Construction
- Level 3 Certificate in Mechanical Engineering
- Level 3 Certificate in Automotive Engineering
- Level 3 Certificate in Exercise Science
- Level 3 Certificate in Beauty Services