



WAITARA HIGH SCHOOL

Senior Course Booklet

2017



Waitara High School

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Contents

NCEA: Information & Endorsement Criteria...1
Vocational Pathways, University Entrance, UE Approved Subjects...2
Vocational Pathways: The Six Sectors...3
Programme of Study: 2017 Student Subject Selection...4
NCEA Entries & Fees...5

Subject Areas

English...6 to 14
The Arts...15 to 29
Health & Physical Education...30 to 42
Mathematics & Statistics...43 to 48
Science...49 to 66
Social Sciences...67 to 86
Technology...87 to 107
Te Reo Maori...108 to 113
VLN – Accounting, Economics, Level 3 Physics...114
Gateway/Secondary Tertiary Pathways...115
National Certificate in Early Childhood Education & Care...116 to 118

NCEA

The National Certificates of Educational Achievement (NCEA) are the main national qualifications for secondary school students in New Zealand. NCEA is recognised by employers, and used for selection by universities and polytechnics, both in New Zealand and overseas.

How it works:

1. Each year, students study a number of courses or subjects.
2. In each subject, skills and knowledge are assessed against a number of standards. For example an English standard could be: *Use information literacy skills to form conclusions.*
3. Schools use a range of internal and external assessments to measure how well students meet these standards.
4. When a student achieves a standard, they gain a number of credits. Students must achieve a certain number of credits to gain an NCEA certificate.
5. There are three levels of NCEA certificate, depending on the difficulty of the standards achieved. In general, students work through Levels 1 to 3 in Years 11 to 13 at school.
6. Students are recognised for high achievement at each level by gaining NCEA with Merit or NCEA with Excellence. High achievement in a course is also recognised. For more information, read about Endorsement criteria.
7. Students study NCEA during Years 11 - 13. Students usually study Level 1 in Year 11, Level 2 in Year 12 and Level 3 in Year 13, but students can work over several levels in the same year.

NCEA is awarded at three levels:

LEVEL 1	LEVEL 2		LEVEL 3
80 Credits at Level 1 or above including 10 Literacy credits and 10 Numeracy credits	80 Credits at Level 2 or above OR	60 Credits at Level 2 +	60 Credits at Level 3 +
		20 Credits at any level	20 Credits at any level
For Level 1 you need 80 credits.	For Level 2 you need at least 60 Level 2 credits. You also need Level 1 Literacy and Numeracy.		For Level 3 you need at least 60 Level 3 credits. You also need Level 1 Literacy and Numeracy.

NCEA CERTIFICATE ENDORSEMENT CRITERIA

A **MERIT** endorsement requires 50 credits at Merit level and above

An **EXCELLENCE** endorsement requires 50 credits at Excellence level

NCEA COURSE ENDORSEMENT

Provides recognition for students who perform exceptionally well in an individual course of study, e.g. *“English endorsed with Merit”*.

Course (Subject) Endorsement:

- can only be gained in the year of study
- at Merit requires 14 credits at Merit and above
- at Excellence requires 14 credits at Excellence
- the 14 credits must include at least 3 credits from external assessments and 3 credits from internal assessments

VOCATIONAL PATHWAYS

In addition to working towards NCEA Level 2 students can also be working towards Level 2 Vocational Pathways Awards. The Pathways are:

1. Construction and Maintenance
2. Manufacturing and Technology
3. Primary Industries
4. Service Industries
5. Social and Community
6. Creative Industries

To receive a Vocational Pathways Award students must gain NCEA Level 2. Within the 80 credits required to achieve Level 2, 60 of these Level 2 credits must be from a pathways recommended standards.

UNIVERSITY ENTRANCE

UNIVERSITY ENTRANCE 3+ YEARS	NCEA LEVEL 3	60 Credits at Level 3 + 20 Credits at any level	
	14 credits one "approved" Level 3 subject	14 credits one "approved" Level 3 subject	14 credits one "approved" Level 3 subject
	Literacy credits Level 2 or higher 5 Reading 5 Writing		
	Numeracy credits Level 1 or higher 10 Credits in Mathematics		

This web page lists all the Level 2 and 3 standards that count towards UE
Literacy credits: <http://www.nzqa.govt.nz/qualifications-standards/awards/university-entrance/literacy-requirements/>

UE Approved Subjects Offered at WHS	
Accounting (VLN)	Copies of all Achievement Standards for each course are available on the NZQA Website: www.nzqa.govt.nz/ncea
Biology	
Calculus (Mathematics)	
Chemistry	
Design and Visual Communication	
Digital Technologies	
Economics (VLN)	Additional subjects may be able to be studied through VLN. Refer to the above website for approved list of subjects.
English	
Geography	
History	
Mathematics	
Music Studies	
Physical Education	
Physics (VLN)	
Science	
Statistics (Mathematics)	
Te Reo Maori	
Visual Art	
(VLN) = Virtual Learning Network	

University Entrance requirements for students entering University in 2017:

- NCEA Level 3
 - 14 credits in each of 3 **approved** subjects at Level 3 (these are **Achievement Standards** based courses)
 - 10 x Level 2 English credits (5 in Reading and 5 in Writing) or identified UE Reading/Writing credits from other subjects
 - 10 x Level 1 Numeracy credits
- These are the MINIMUM REQUIREMENTS for University Entrance. You will need to check the entry requirements for the specific course you wish to study at university.***

VOCATIONAL PATHWAYS: Choosing a pathway – starting with the end in mind

By now you will have heard about Vocational Pathways. Whether you want to be a doctor or a plumber, whether you wish to leave school after Level 3 OR go to University, every occupation or job fits into one of SIX Vocational Pathways. For more information on Vocational Pathways refer to: www.youthguarantee.net.nz

1. **Creative Industries:** Vital parts of the NZ economy, these industries are related to Art, Music and Design. Rapid advances in communication technologies are increasing people's access to, and expectation of, high quality design and products.
2. **Primary Industries:** There are a huge range of jobs in this environmentally-friendly pathway. You could work with plants or animals, alone or in a group, and your work may change with the seasons. If you like doing physical work and being outdoors, there's a job on the land or sea for you.
3. **Services Industries:** If you enjoy working with people and have good communication and presentation skills, this pathway may suit you. This sector is all about being helpful to people, meeting the needs of others, and problem solving.
4. **Social and Community Services:** This sector is all about caring for people and keeping them safe. It can be exciting and rewarding but also physically and emotionally demanding.
5. **Manufacturing and Technology:** From hands-on production and assembly to cutting edge research and design, this sector covers a wide range of options. If you are interested in making things work, are able to work things out, have an eye for detail, have drawing, computer, science and technology skills, then this sector is for you.
6. **Construction and Infrastructure:** If you like putting things together and making something new, if you are good at visualising what things look like in your head and are good at drawing or sketching, this sector is for you. The work is physical and active; you will work indoors and outdoors.



Check out this website: www.careers.govt.nz/tools/careerquest/

Programme of Study: 2017

Effort will be made to ensure students are able to study the subjects of their choice. If, however, certain subjects do not attract sufficient numbers they may not be able to be included in the 2017 timetable. Timetable constraints may also result in some subject combinations being unavailable.

Three factors for subject selection:

- Skills and Ability
- Interest
- Career Pathways

When selecting subjects students need to:

1. Be clear about which subjects they enjoy the most.
2. Select courses that are within their capabilities but are also challenging.
3. Identify their Vocational Pathway: www.youthguarantee.net.nz
4. Have identified possible careers in their vocational pathways.
5. Choose subjects which relate to careers in their vocational pathway: www.careers.govt.nz
6. Keep their options open, particularly at Year 11 and especially if unsure about future study/career goals.

Achievement and Unit Standards

Achievement Standards can be assessed either internally or externally. Achievement Standards recognise these grades of achievement: NA=Not Achieved A=Achieved M=Merit E=Excellence. Achievement Standard courses lead towards both NCEA and UE.

Unit Standards are internally assessed. Unit Standards usually recognise these grades of Achievement: NA=Not Achieved A=Achieved. Unit Standard courses lead towards industry-specific National Certificates as well as NCEA.

Student Subject Selection

In 2017, Waitara High School will offer a range of full-year and half-year (semester) courses to senior students. Appropriate placement in compulsory subjects will be at the discretion of the HOFs for each of these subjects. Students should be aware that it is possible to select courses at more than one level, subject to consultation with a subject's HOF.

Level 1

1. Students have compulsory L1 English - full-year course.
2. Students have compulsory L1 Mathematics - full-year course.
3. Students have compulsory L1 Science for at least one semester.
4. Students will select a total of 12 blocks. A full-year course is 2 blocks and a semester course is 1 block.

Level 2 course

1. Students have compulsory English - at least as a semester.
2. Students will select a total of 12 blocks.
3. Students will select four blocks each if selecting either of the two NZ Certificate courses, NCBCAT2 or NZCPI.

Level 3

1. Students intending to study at university are strongly advised to take five UE approved subjects.
2. A maximum of 12 blocks can be selected. University-bound students may well elect to take 10 blocks of work and include a study allocation in their timetable. This allocation will need to be approved by the Year 13 Dean.

NCEA entries and fees

NCEA entries and fees are required by mid-August. The annual fee for NCEA Levels 1, 2 and 3 is \$76.70 (this fee can be reduced for holders of a Community Services Card). The fee for a National/NZ Certificate (other than NCEA) is \$15.30 (on completion of the qualification).

Course costs and payments

Individual course costs are listed on each course page. This means families are aware in advance of the likely costs for the academic year. Particularly in subjects with a high take-home component (such as wood technology, hospitality, etc.) it is important that these individual payments are made as these courses' overall costs are high due to the nature of the materials and activities.

Resource costs for core subjects have been kept to a minimum.

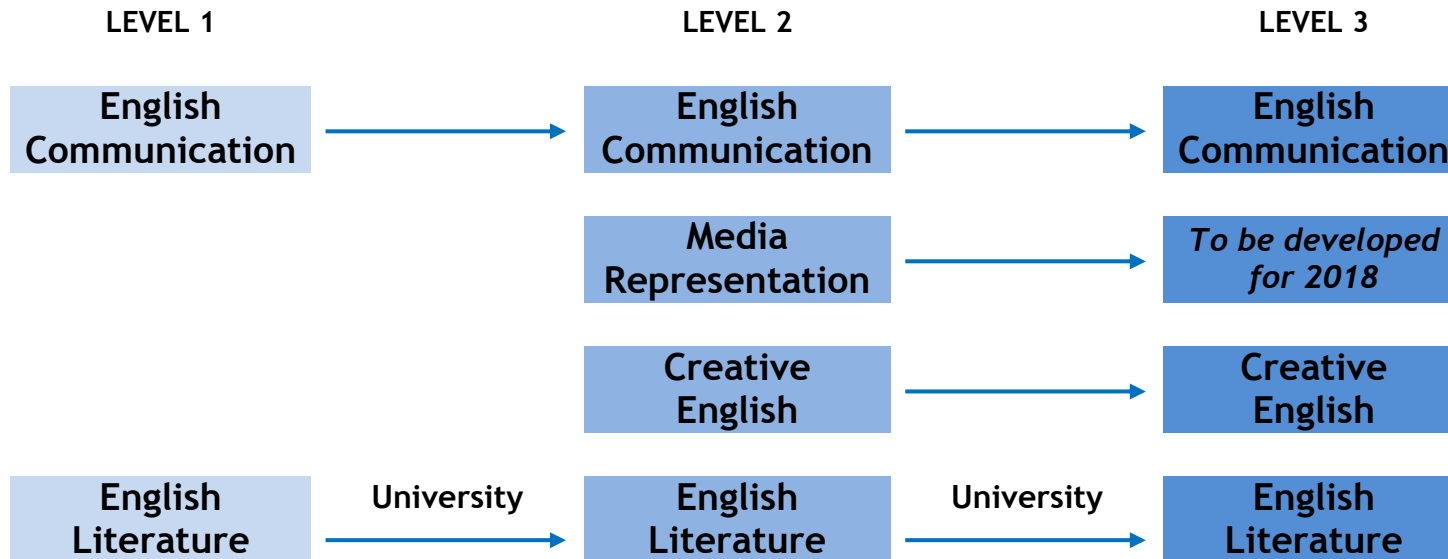
Ko te angitu mō tō mātou Taiohi, ko te angitu mō tātou katoa

Success for our youth is success for us all

ENGLISH

HOF: Miss Hillary Knowles

Teacher: Mrs Debra Young
Teacher: Miss Sharne O'Brien
Teacher: Mr Ché Soffe



Careers these courses can lead to include: English is vital in all careers as the ability to think and communicate effectively is a foundation skill in all employment opportunities.



NCEA LEVEL 1		ENC1		English Communication				Duration: Full					
Entry: Open (discuss with your English teacher which is the best course to meet your needs)						Cost: \$5		CREDITS AVAILABLE					
Endorsement: No								INTERNAL		23			
								EXTERNAL		0			
								TOTAL		23			
UE: No													
Description: Level 1 English Communication continues your journey in becoming an expert in reading, writing and spoken interaction. We focus on real world skills which you will need in the work place and to be successful in the world around you.													
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways						Method of Assessment	
US	1293	6	2		Be interviewed in an informal, one to one, face to face interview								Internal
US	1285	6	4		Make enquiries and complete practical transactions								Internal
US	1273	7	4		Express ideas in writing								Internal
US	2970	6	3		Independently read texts about life experiences which relate to a personal identified interest								Internal
US	26622	3	4	Lit	Write to communicate								Internal
US	26624	3	3	Lit	Read for understanding								Internal
US	26625	4	3	Lit	Spoken Interaction								Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community		Creative Industries		
-			6		13		4		6		13		

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 1		ENL1		English Literature			Duration: Full		
Entry: Level 5B or higher on latest e-asTTle Reading Comprehension test (discuss with your English teacher which is the best course to meet your needs) Endorsement: Yes UE: No Description: Level 1 English Literature pushes you to continue to develop critical thinking and analysis skills through works of literature, including written and visual texts. You will continue to refine your skills around analysing texts and developing an evidenced and convincing argument all whilst exploring what it means to be human.						Cost: \$5		CREDITS AVAILABLE	
								INTERNAL	16
								EXTERNAL	12
								TOTAL	28
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways			Method of Assessment
AS	90849	3	4	Lit	Show understanding of studied written text				External
AS	90850	3	4	Lit	Show understanding of specified aspect(s) of studied visual or oral text(s), using supporting evidence				External
AS	90851	2	4	Lit	Show understanding of significant aspects of unfamiliar written text(s) through close reading, using supporting evidence				External
AS	90052	5	3	Lit	Produce creative writing				Internal
AS	90053	5	3	Lit	Produce formal writing				Internal
AS	90853	2	4	Lit	Information literacy				Internal
AS	90855	2	3	Lit	Create a visual text				Internal
AS	90856	2	3	Lit	Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence				Internal
Construction & Infrastructure 28			Manufacturing & Technology 28		Primary Industries 28	Service Industries 28	Social & Community 28		Creative Industries 28



NCEA LEVEL 2		ENC2	English Communication				Duration: Semester A			
Entry: 14 credits in a Level 1 English course (discuss with your English teacher which is the best course to meet your needs)						Cost: \$5	CREDITS AVAILABLE			
Endorsement: No							INTERNAL	14 +		
UE: No							EXTERNAL	0		
Description: Level 2 English Communication continues your journey in becoming an expert in reading, writing and spoken interaction. We focus on real world skills which you need in the workplace and to be successful in the world around you. You will begin the course with compulsory research which will develop skills in research and group work and then present your findings through a medium of your choice.							TOTAL	14 +		
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways				Method of Assessment
US	2989	5	3		Select, assess and read texts to gain knowledge (COMPULSORY ELEMENT)					Internal
US	8824	6	3		Research a topic using oral, visual and written sources, and evaluate the research process (COMPULSORY ELEMENT)					Internal
US	10791	4	3		Participate in an informal meeting (COMPULSORY ELEMENT)					Internal
US	9677	9	3		Participate in a team or group which has an objective (COMPULSORY ELEMENT)					Internal
AS	91103	2	3	Lit	Create a crafted and controlled visual and verbal text (OPTIONAL ELEMENT)					Internal
US	1294	6	2		Be interviewed in a formal interview (OPTIONAL ELEMENT)					Internal
AS	91102	2	3	Lit	Construct and deliver a crafted and controlled oral text (OPTIONAL ELEMENT)					Internal
US	3492	6	3		Write a short report (OPTIONAL ELEMENT)					Internal
Construction & Infrastructure - 9			Manufacturing & Technology - 3		Primary Industries - 17	Service Industries - 12	Social & Community - 17		Creative Industries - 20	



NCEA LEVEL 2		ENM2		Media Representation				Duration: Semester B									
Entry: 14 credits in a Level 1 English course						Cost: \$5		CREDITS AVAILABLE									
Endorsement: No								INTERNAL		9+							
								EXTERNAL									
UE: Some assessment choices count towards the University Entrance Literacy requirement								TOTAL		9+							
Description: Explore and understand how the Media affects how we see things in the world through how it represents people and places; then develop a text of your own choice to begin to change these representations.																	
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways		Method of Assessment				
AS	91250	2	3	Lit	Demonstrate understanding of representation in the media (COMPULSORY ELEMENT)												Internal
AS	91254	2	3	Lit	Demonstrate understanding of an ethical issue in the media (COMPULSORY ELEMENT)												Internal
US	27613	1	4		Write and present news stories intended for publication (OPTIONAL ELEMENT)												Internal
AS	91103	2	3	Lit	Create a crafted and controlled visual and verbal text (OPTIONAL ELEMENT)												Internal
AS	91101	2	6	Lit UER UEW	Produce a selection of crafted and controlled writing (OPTIONAL ELEMENT)												Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community			Creative Industries					
9			6		9		12		12			19					

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2/3		ENCR2		Creative English				Duration: Semester				
Entry: 14 credits in a Level 1 English course						Cost: \$5		CREDITS AVAILABLE				
Endorsement: No						INTERNAL		10				
						EXTERNAL						
						TOTAL		10				
UE: Some assessment choices count towards the University Entrance Literacy requirement												
Description: Your chance to explore the creative side of English. You can choose between a visual, film based module or a creative writing module. In either pathway, you will study and analyse great examples of your chosen text type before putting your newly refined skills to the test by creating something beautiful. Level 2 standards are outlined below and for students studying at Level 3, the Level 3 equivalent applies.												
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways					Method of Assessment	
AS	91104	2	4	Lit	Analyse significant connections across texts, supported by evidence							Internal
AS	91107	2	3	Lit	Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence							Internal
AS	91103	2	3	Lit	Create a crafted and controlled visual and verbal text							Internal
OR												
AS	91104	2	4	Lit	Analyse significant connections across texts, supported by evidence							Internal
AS	91101	2	6	Lit UER UEW	Produce a selection of crafted and controlled writing							Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community		Creative Industries	
7					7		7		7		10	

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2		ENL2		English Literature			Duration: Full		
Entry: 14 credits from Level 1 English Literature (discuss with your English teacher which is the best course to meet your needs)						Cost: \$5	CREDITS AVAILABLE		
Endorsement: Yes							INTERNAL	13	
							EXTERNAL	12	
UE: Builds towards University Entrance Literacy							TOTAL	25	
Description: Level 2 English Literature pushes you to continue to develop critical thinking and analysis skills through works of literature, including written and visual texts. You will continue to refine your skills around analysing texts and developing an evidenced and convincing argument all whilst exploring what it means to be human as well as start to introduce you to the independent study skills required to be successful at university.									
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways			Method of Assessment
AS	91098	3	4	Lit UER UEW	Analyse specified aspect(s) of studied written text(s) supported by evidence				External
AS	91099	3	4	Lit UEW	Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence				External
AS	91100	2	4	Lit UER UEW	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence				External
AS	91101	2	6	Lit UEW	Produce a selection of crafted and controlled writing				Internal
AS	91103	2	3	Lit	Create a crafted and controlled visual and verbal text				Internal
AS	91105	2	4	Lit UER	Use information literacy skills to form developed conclusion(s)				Internal
Construction & Infrastructure 25			Manufacturing & Technology 22		Primary Industries 25	Service Industries 25		Social & Community 25	Creative Industries 25

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 3			ENC3		English Communication					Duration: Full																	
Entry: 14 credits in a Level 2 English course (discuss with your English teacher which is the best course to meet your needs) Endorsement: No UE: No Description: Level 3 English Communication focuses on polishing your skills in reading, writing and spoken interactions that you will need in the work place and to be successful in the world around you.										Cost: \$5					CREDITS AVAILABLE												
										INTERNAL					22												
										EXTERNAL					0												
										TOTAL					22												
U/A	No. Standard	Version	Credits	Lit/ Num	Full title										Pathways					Method of Assessment							
US	11095	6	3		Write business correspondence to convey complex ideas and information																	Internal					
US	1296	6	3		Interview in an informal situation																		Internal				
US	1279	6	3		Write in plain English																		Internal				
US	3494	5	3		Write minutes for a formal meeting																		Internal				
US	2990	6	4		Read texts to research information																		Internal				
US	9861	6	3		Contribute within a team or group which has an objective																		Internal				
AS	91477	1	3		Create a fluent and coherent visual text which develops, sustains, and structures ideas using verbal and visual language																		Internal				
Construction & Infrastructure			Manufacturing & Technology			Primary Industries			Service Industries			Social & Community			Creative Industries												
3						3			3			3			3												

*Standards may change during the course of the year and may not be offered to all students on the course



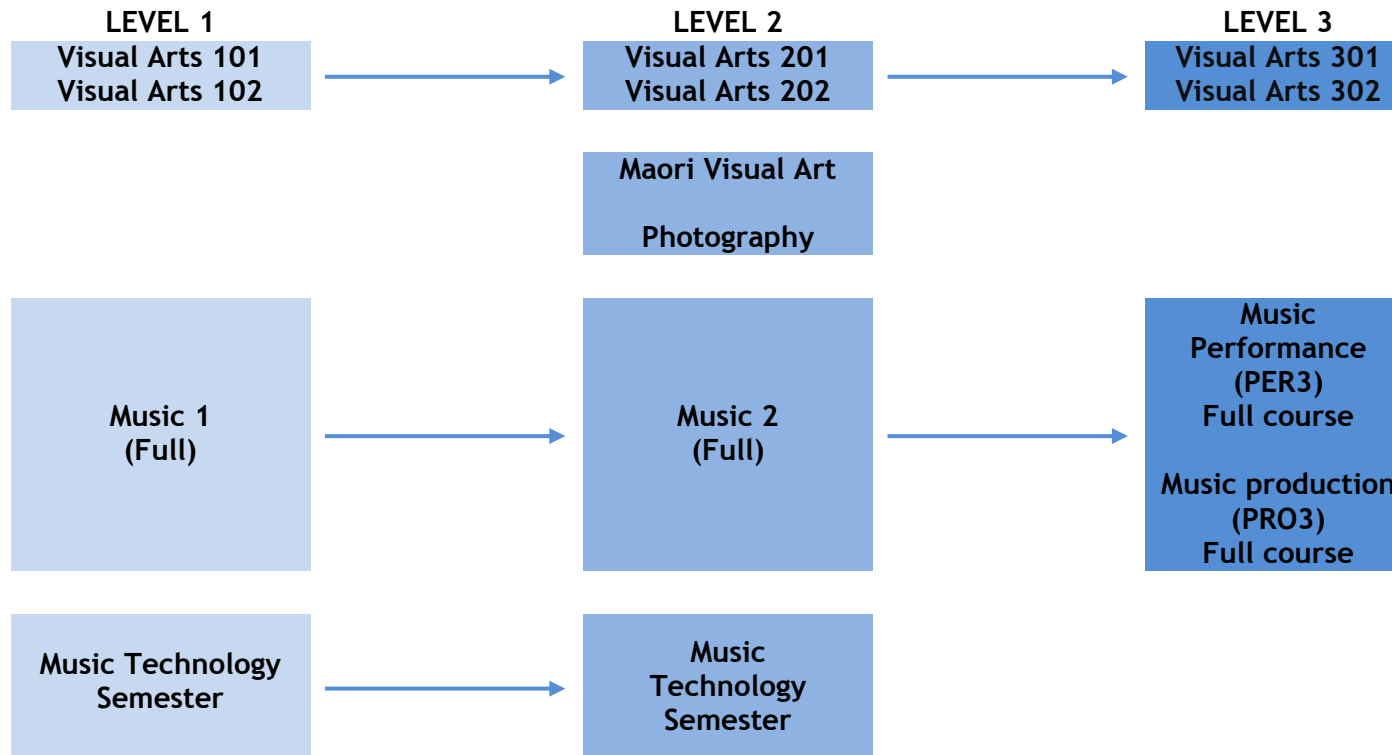
NCEA LEVEL 3		ENL3		English Literature			Duration: Full					
Entry: 14 credits from Level 2 English Literature (discuss with your English teacher which is the best course to meet your needs) Endorsement: Yes UE: Yes Description: Level 3 English Literature pushes you to continue to develop critical thinking and analysis skills through works of literature, including written and visual texts. You will continue to refine your skills around analysing texts and developing an evidenced and convincing argument all whilst exploring what it means to be human as well as develop the independent study skills required to be successful at university.						Cost: \$5			CREDITS AVAILABLE			
						INTERNAL		13				
						EXTERNAL		12				
						TOTAL		25				
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways					Method of Assessment	
AS	91472	1	4	UER UEW	Respond critically to specified aspect(s) of studied written text(s), supported by evidence							External
AS	91473	1	4	UEW	Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence							External
AS	91474	1	4	UER UEW	Respond critically to significant aspects of unfamiliar written texts through close reading, supported by evidence							External
AS	91475	1	6	UEW	Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas							Internal
AS	91477	1	3		Create a fluent and coherent visual text which develops, sustains, and structures ideas using verbal and visual language							Internal
AS	91479	1	4	UER	Develop an informed understanding of literature and/or language using critical texts							Internal
Construction & Infrastructure 25			Manufacturing & Technology 12		Primary Industries 25		Service Industries 25		Social & Community 25		Creative Industries 13	

*Standards may change during the course of the year and may not be offered to all students on the course

THE ARTS

HOF: Mrs Amber McFadyen (Visual Arts Teacher)

Music/Sound Arts Teacher: Mr Simon James



Careers these courses can lead to include: actor, musician, singer, film maker, writer, composer, stylist, curator, designer, technician, visual artist, sculptor, sound engineer, band member, tutor, teacher, and many more.



NCEA LEVEL 1		VA101		Visual Art				Duration: Semester A				
Entry: None, although Year 10 Visual Art is an advantage						Cost: \$35		CREDITS AVAILABLE				
Endorsement: No								INTERNAL		8		
								EXTERNAL		0		
								TOTAL		8		
UE: Yes												
Description: In this course you will investigate and analyse the relationship between the production of Art works and the contexts in which they are made, viewed and valued. You will use this knowledge to produce original work using a range of media and techniques.												
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways						Method of Assessment
AS	90913	4	4	Lit	Demonstrate understanding of art works from a Maori and another cultural context using art terminology.							Internal
AS	90914	3	4		Use drawing methods and ideas for recording information using wet and dry media.							Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries	Service Industries		Social & Community		Creative Industries		
-			-		-	4		-		8		

*Standards may change during the course of the year and may not be offered to all students on the course.



NCEA LEVEL 1			VA102		Visual Art					Duration: Semester B							
Entry: Level 1 Semester A completed					Cost: no cost					CREDITS AVAILABLE							
Endorsement: Yes										INTERNAL		0					
										EXTERNAL		12					
UE: Yes										TOTAL		12					
Description: This course involves extending on work produced during semester A to produce a portfolio of original work displayed on two A1 boards.																	
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways				Method of Assessment		
AS	90916	3	12		Produce a body of work informed by established practice that develops ideas using a range of media												Ext
Construction & Infrastructure			Manufacturing & Technology		Primary Industries			Service Industries			Social & Community			Creative Industries			
-			-		-			-			-			12			

*Standards may change during the course of the year and may not be offered to all students on the course.



NCEA LEVEL 1		MUS1		Music				Duration: Full									
Entry: Experience of playing an instrument, including singing.						Cost: \$10				CREDITS AVAILABLE							
Endorsement: Yes						INTERNAL				22							
						EXTERNAL											
						TOTAL				22							
UE:																	
Description: In this course students will develop their performance skills, gain an understanding of music theory, focus on building skills on one or two instruments/voice, and compose their own music. Students will also study general music knowledge including music history, music and politics, and music production.																	
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways				Method of Assessment		
AS	91090	3	6		Perform two pieces of music as a featured soloist												Internal
AS	91091	3	4		Demonstrate ensemble skills through performing a piece of music as a member of a group												Internal
AS	91092	3	6		Compose two original pieces of music												Internal
AS	91095	3	6	Lit	Demonstrate knowledge of two music works from contrasting contexts												Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community		Creative Industries						
-			-		-		-		-		22						

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 1		MUST1		Music Technology						Duration: Semester A or B							
Entry: An interest and experience in using music production software such as GarageBand, Fruityloops, Logic, etc.						Cost: \$15						CREDITS AVAILABLE					
Endorsement:												INTERNAL		8			
UE:												EXTERNAL					
												TOTAL		8			
Description: Students will learn to setup and operate P.A. (Public Address) and D.A.W. (Digital Audio Workstation) equipment for performance and recording scenarios.																	
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways				Method of Assessment		
US	26687	3	4		Demonstrate knowledge of the development and usage of music technology equipment and techniques												Internal
US	27656	3	4		Demonstrate and apply introductory knowledge of music technology equipment and techniques												Internal
Construction & Infrastructure			Manufacturing & Technology			Primary Industries			Service Industries			Social & Community			Creative Industries		
-			-			-			-			-			8		

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2		VAP201		Visual Art Painting							Duration: Semester A							
Entry: Completion of Semester A and B at Level 1							Cost: \$35					CREDITS AVAILABLE						
Endorsement: No												INTERNAL		8				
												EXTERNAL		0				
												TOTAL		8				
UE: Yes																		
Description: In this course you will apply understanding from research into a range of established practice (Art) to extend skills into making original artwork using a range of media and techniques and exploring a visual theme of your own choosing.																		
U/A	No. Standard	Version	Credits	Lit/ Num	Full title							Pathways					Method of Assessment	
AS	91311	2	4		Use drawing methods to apply knowledge of conventions appropriate to established painting practice.													Int
AS	91316	2	4		Develop ideas in a related series of drawings appropriate to established painting practice.													Int
Construction & Infrastructure			Manufacturing & Technology		Primary Industries			Service Industries			Social & Community			Creative Industries				
-			-		-			-			-			8				

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2		VAP202		VA2 Visual Art Painting						Duration: Semester B							
Entry: Completion of Semester A Visual Art Level 2						Cost: no cost						CREDITS AVAILABLE					
Endorsement: Yes						UE: Yes						INTERNAL		0			
												EXTERNAL		12			
												TOTAL		12			
Description: In this course you will extend upon work produced in Semester A to produce a portfolio of original art work displayed on two A1 boards exploring a visual theme of your choice.																	
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways				Method of Assessment		
AS	91321	2	12		Produce a systematic body of work that shows understanding of art making conventions and ideas within painting.												Ext
Construction & Infrastructure			Manufacturing & Technology		Primary Industries			Service Industries			Social & Community			Creative Industries			
-			-		-			-			-			12			

*Standards may change during the course of the year and may not be offered to all students on the course.



NCEA LEVEL 1,2			MVA1 MVA2		Maori Visual Art										Duration: Semester A or B									
Entry: None (Level 1 and/or 2 credits are available)										Cost: \$25					CREDITS AVAILABLE									
Endorsement: No										INTERNAL					9									
UE:										EXTERNAL					0									
Description: In this course you will learn about traditional (whakairo and raranga) and contemporary Maori Art and use this knowledge to produce your own 3-dimensional art work (Korowai, Manu Tukutuku). Standards offered will vary, depending on the individual student’s learning pathway.										TOTAL					9									
U/A	No. Standard	Version	Credits	Lit/ Num	Full title										Pathways					Method of Assessment				
US	23007	1	5		Demonstrate knowledge of carving designs and their meaning																		Internal	
AS	91186	1	4		Produce a finished work that demonstrates skills appropriate to cultural conventions																		Internal	
US	23009	1	5		Identify and apply Maori Art conventions, design elements and principles to explore whakairo																		Internal	
AS	91186	1	4		Demonstrate understanding of art works in relation to their physical environments																		Internal	
					Standards offered will vary - dependent upon individual students learning pathway																			
Construction & Infrastructure			Manufacturing & Technology		Primary Industries					Service Industries					Social & Community					Creative Industries				
-			-		-					9					-					9				

*Standards may change during the course of the year and may not be offered to all students on the course.



NCEA LEVEL 2		PVA2		Visual Art Photography										Duration: Semester A or B							
Entry: None, although Level 1 Visual Art an advantage										Cost: \$30 (may be additional charges for printing photos)					CREDITS AVAILABLE						
Endorsement: No															INTERNAL		8				
															EXTERNAL		0				
UE: Yes															TOTAL		8				
Description: In this course you will learn about Photography conventions and use these to develop original ideas around a theme/genre of your choice. There will be opportunities to learn about the technical and artistic sides of Photography, depending on which camera you use. Access to a camera with a removable lens is an advantage but not a requirement.																					
U/A	No. Standard	Version	Credits	Lit/ Num	Full title										Pathways					Method of Assessment	
AS	91312	2	4		Use drawing methods to apply knowledge of conventions appropriate to photography																Internal
AS	91317	2	4		Develop ideas in a related series of drawings appropriate to established photography practice																Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries			Service Industries			Social & Community			Creative Industries							
-			-		-			-			-			8							

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2			MUS2		Music					Duration: Full						
Entry: Level 1 Music and experience playing an instrument or singing. Grade 2 theory knowledge or above.										Cost: \$10						
Endorsement: Refer to TIC										CREDITS AVAILABLE						
										INTERNAL		26				
										EXTERNAL						
UE: Refer to TIC										TOTAL		26				
Description: This is an all-round music course featuring performance, composition and music studies as part of assessment. Students choose standards to make a minimum of 18 credits. This course is an important step if students wish to continue through to either Level 3 Performance Music or Level 3 Music Production.																
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways			Method of Assessment		
AS	91270	3	6		Perform two pieces of music as a featured soloist											Internal
AS	91272	3	4		Demonstrate ensemble skills by performing a substantial piece of music as a member of a group											Internal
AS	91271	3	6		Compose two substantial pieces of music											Internal
AS	91095	3	6		Demonstrate knowledge of two music works from contrasting contexts											Internal
AS	91273	2	4		Devise a instrumentation for an ensemble											Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries			Service Industries			Social & Community			Creative Industries		
-			-		-			-			-			26		

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2		MUST2		Music Technology					Duration: Semester A or B								
Entry: Experience with midi software (e.g. GarageBand, Fruityloops) is essential. An understanding of basic music theory would be very beneficial.						Cost: \$20					CREDITS AVAILABLE						
Endorsement: No											INTERNAL		8				
UE:											EXTERNAL						
Description: Students in this course will learn to enhance music they have produced using DAW's (Digital Audio Workstations).											TOTAL		8				
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways					Method of Assessment	
US	27658	2	4		Demonstrate and apply knowledge of electronic music production and music notation application(s)												Internal
AS	27703	3	4		Demonstrate and apply knowledge of sound control enhancement processes required for a performance context												Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community			Creative Industries					
-			-		-		-		-			8					

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 3		VAP301		Visual Art Painting						Duration: Semester A							
Entry: Completion of Semester A and B at level 2						Cost: \$35						CREDITS AVAILABLE					
Endorsement: No						UE: Yes						INTERNAL		8			
												EXTERNAL		0			
												TOTAL		8			
Description: In this course you will apply understanding from broad and deep research into established Art techniques and processes to produce original work within painting around a visual theme of your choosing.																	
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways				Method of Assessment		
AS	91446	1	4		Use drawing to demonstrate understanding of conventions appropriate to painting.												Int
AS	91451	1	4		Systematically clarify ideas using drawing informed by established painting practice.												Int
-																	
-																	
-																	
-																	
Construction & Infrastructure			Manufacturing & Technology		Primary Industries			Service Industries			Social & Community			Creative Industries			
-			-		-			-			-			8			

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 3		VAP302		Visual Art Painting				Duration: Semester B					
Entry: Completion of Semester A and B at Level 2						Cost: \$10 (courier fee)				CREDITS AVAILABLE			
Endorsement: Yes										INTERNAL		0	
										EXTERNAL		14	
										TOTAL		14	
UE: Yes													
Description: In this course you will extend ideas from Semester A to produce a portfolio of original work presented on 3 A1 boards exploring a visual theme of your choosing.													
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways							Method of Assessment
AS	91456	1	14		Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice.								External
Construction & Infrastructure			Manufacturing & Technology		Primary Industries	Service Industries		Social & Community		Creative Industries			
-			-		-	-		-		14			

*Standards may change during the course of the year and may not be offered to all students to all students on the course



NCEA LEVEL 3		MUSPE3		Performance Music						Duration: Full							
Entry: Minimum two years playing and performing on one or more instruments and/or singing. The confidence to perform in front of an audience or the willingness to develop this skill.						Cost: \$10						CREDITS AVAILABLE					
Endorsement: No												INTERNAL		22			
												EXTERNAL					
UE: Yes												TOTAL		22			
Description: Students in this course will develop and hone their instrument and performance skills to a high level. All assessments are performance-based, except the research standard. This standard gives students an opportunity to delve deeper into a specialised area or performance skill.																	
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways				Method of Assessment		
AS	91416	1	8		Perform two programmes of music as a featured soloist												Internal
AS	91417	1	4		Perform a programme of music as a featured soloist on a second instrument												Internal
AS	91418	1	4		Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group												Internal
AS	91425	1	6		Research a music topic												Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries			Service Industries			Social & Community			Creative Industries			
-			-		-			-			-			22			

*Standards may change during the course of the year and may not be offered to all students on the course



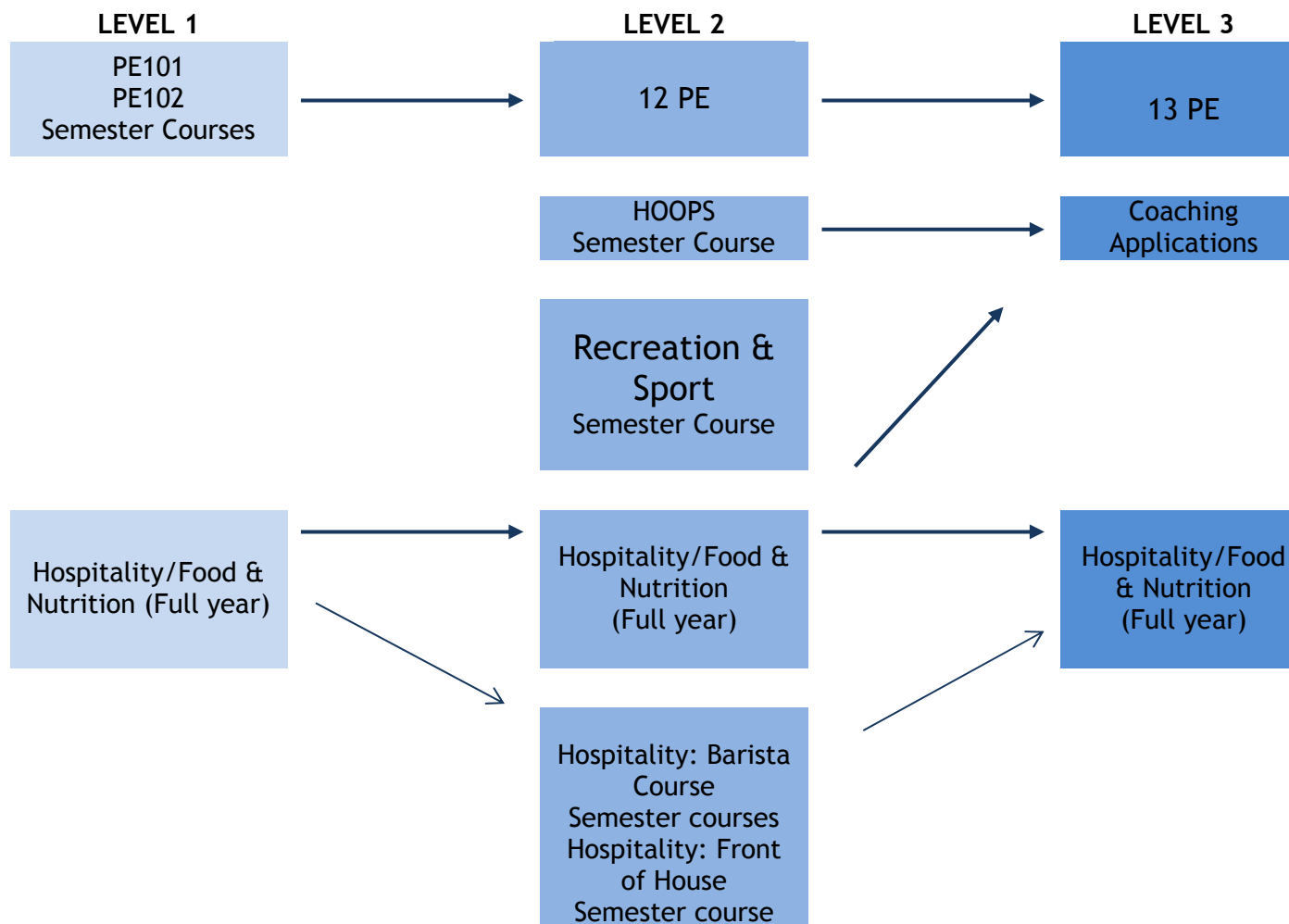
NCEA LEVEL 3		MUSPR3		Music Production					Duration: Full							
Entry: An understanding of music notation and theory is a must for this course.					Cost: \$10					CREDITS AVAILABLE						
Endorsement: No										INTERNAL		26				
										EXTERNAL						
UE: Yes										TOTAL		26				
Description: This is an academic course with no performances required. This course is designed for students who are interested in extending their composition and notation skills. Notation and midi software will be used to notate and record students’ work. Students will also be able to compose using instruments and voice. The research paper gives students the ability to look at an area of the programme in more depth.																
U/A	No. Standard	Version	Credits	Lit/ Num	Full title					Pathways					Method of Assessment	
AS	91419	1	8		Communicate musical intention by composing three original pieces of music											Internal
AS	91424	1	4		Create two arrangements for an ensemble											Internal
US	23730	4	8		Operate music sequencing, editing, and music notation application(s)											Internal
AS	91425	1	6	Lit	Research a music topic											Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community		Creative Industries					
-			-		-		-		-		26					

*Standards may change during the course of the year and may not be offered to all students on the course.

Health and Physical Education

HOF: Mrs Julie Mischewski
PE Teacher: Mr Luke Daughtery

PE Teacher: Mr Glenn Dawson
TSSSA Teacher: Mr Teri Tamati
Food & Nutrition/Hospitality Teacher: Mrs Julie Hill



Careers these courses can lead to include: physiotherapist, PE teacher, sports manager, coach, nurse, police officer, personal trainer, chef, pâtissier, baker, hotel/motel manager, server, health & safety officer, health care assistant, caregiver, bartender, and many more.



NCEA LEVEL		PE101		PE - Prep Course				Duration: Semester A or B					
Entry: Open						Cost: \$20.00				CREDITS AVAILABLE			
Endorsement: You are eligible for endorsement in Physical Education if you select both semester courses						INTERNAL				11			
						EXTERNAL							
						TOTAL				11			
UE:													
Description: This course is a beginning level course for students. You will examine the role physical activity has in terms of hauora and your participation in activities. Using the sport of Badminton you will use strategies to improve your performance. This course is largely practical. It will help build knowledge for further studies in PE and Health. If you wish to take Level 2 PE it is strongly recommended you take the second semester course in PE as well. If you are looking towards a career in health, education or sports, these are the courses for you.													
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways						Method of Assessment	
AS	90962	3	5	Lit	Participate actively in a variety of physical activities and explain factors that influence own participation								Internal
AS	90964	3	3		Demonstrate quality movement in the performance of a physical activity - <i>Badminton</i>								Internal
AS	90967	2	3	Lit	Demonstrate strategies to improve the performance of a physical activity and describe the outcomes - <i>Badminton</i>								Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries	Service Industries		Social & Community		Creative Industries			
-			-		-	11		11		11			

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 1		PE102		PE Applied				Duration: Semester A or B							
Entry: Open				Cost: \$20				CREDITS AVAILABLE							
Endorsement: Yes								INTERNAL		13					
UE: You are eligible for course endorsement in Physical Education if you select both semester courses.								EXTERNAL							
Description: This course is designed for students who are serious about further study in this field. It is a pre-requisite for the Level 2 PE programme. In this course you will learn about the human body and how the body operates in a sporting context. You will look at the interpersonal skills that can make teams operate effectively. You will look at the way society can influence participation in physical activity. This course is both practical and theory work. It will lay the foundation for further study in this area.								TOTAL		13					
U/A	No. Standard	Version	Credits	Lit/Num	Full title				Pathways				Method of Assessment		
AS	90963	3	5	Lit	Demonstrate understanding of the function of the body as it relates to the performance of physical activity - <i>Weights/Fitness</i>										Internal
AS	90966	2	4	Lit	Demonstrate interpersonal skills in a group and explain how these impact on others - <i>Team Games</i>										Internal
AS	90965	3	4	Lit	Demonstrate understanding of societal influences on physical activity and the implications for self and others										Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community		Creative Industries				
-			-		9		13		9		9				

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 1		HOSFN1		Hospitality/Food & Nutrition					Duration: Full					
Entry: Open				Cost: \$100					CREDITS AVAILABLE					
Endorsement: No									INTERNAL		19			
University Approved: No									EXTERNAL		4			
									TOTAL		23			
Description: This course is comprised of Level 1 hospitality industry Unit Standards and Home Economics Achievement Standards. The course aims to act as an introduction to the Hospitality industry. Hospitality career pathways, food safety and hygiene, an understanding of well- being and developing cookery skills are key components of the course.														
No. Standard	Version	Credits	Lit/ Num	Full title					Pathways			Method of Assessment		
21058	3	2		Identify career pathways in the hospitality industry										Internal
15900	4	4		Prepare and present meat in the hospitality industry										Internal
19770	3	2		Prepare and present egg and cheese dishes in the hospitality industry										Internal
15901	4	3		Prepare and present fruit and vegetables in the hospitality industry										Internal
15921	4	3		Prepare and cook a cake, sponge and a batch of scones in the hospitality industry										Internal
90959	2	5	Lit	Demonstrate practices and strategies to address food handling issues										Internal
90960	3	4	Lit	Demonstrate understanding of how an individual, the family and society enhance each other’s well-being										External
Construction & Infrastructure		Manufacturing & Technology		Primary Industries		Service Industries		Social & Community		Creative Industries				
-		-		5		23		9		-				

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2		PE2		Physical Education										Duration: Full					
Entry: At discretion of HOF										Cost: \$25				CREDITS AVAILABLE					
Endorsement: Yes										INTERNAL				20					
UE:										EXTERNAL									
										TOTAL				20					
Description: This course is a continuation of the Level 1 PE programme. It is designed for students looking at a career in Health, Education and Sports. In this course you will examine how we learn physical skills and why we participate in training and leadership in sport. This course involves practical coaching experience and an opportunity to organise a tournament for students. This course is both theoretical and practical.																			
U/A	No. Standard	Version	Credits	Lit/ Num	Full title								Pathways				Method of Assessment		
AS	91328	2	5	Lit	Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills - <i>Skill of choice</i>														Internal
AS	91329	2	4	Lit	Demonstrate understanding of the application of biophysical principles to training for physical activity														Internal
AS	91330	3	4		Perform a physical activity in an applied setting														Internal
AS	91332	2	4	Lit	Evaluate the leadership strategies that contribute to the effective functioning of a group - <i>Schools coaching</i>														Internal
AS	91335	2	3	Lit	Examine the implementation and outcomes of a physical activity event or opportunity - <i>Schools tournament</i>														Internal
Construction & Infrastructure			Manufacturing & Technology			Primary Industries			Service Industries			Social & Community			Creative Industries				
-			-			-			20			12			20				

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2		HOOP2			HOOPS		Duration: Semester A or B									
Entry: At discretion of HOF					Cost: \$50 plus TOPEC fee					CREDITS AVAILABLE						
Endorsement: No										INTERNAL		14				
UE: No										EXTERNAL						
										TOTAL		14				
Description: The Level 2 outdoor education course (HOOPS) covers a range of outdoor pursuits and seeks to make use of the opportunities offered by the surrounding local environment. The course will hopefully promote personal growth through fun, and challenging and positive experiences in the outdoors. HOOPS may offer activities such as mountain biking, tramping, adventure based learning, kayaking and rock climbing.																
U/A	No. Standard	Version	Credits	Lit/ Num	Full title					Pathways				Method of Assessment		
US	425	6	3		Experience day tramps										INTERNAL	
US	457	6	2		Mountain bike on intermediate to expert terrain										INTERNAL	
US	467	5	3		Demonstrate personal and social development through participation in adventure based learning										INTERNAL	
US	20138	1	3		Select, set up and maintain a mountain or cycle touring bike										INTERNAL	
AS	91334	2	3		Consistently demonstrate social responsibility through applying a social responsibility model in physical activity										INTERNAL	
-																
-																
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community			Creative Industries				
-			-		-		14		6			3				

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2		RS2		Recreation and Sport				Duration: Semester A or B					
Entry: At discretion of HOF						Cost: \$25				CREDITS AVAILABLE			
Endorsement:						INTERNAL				14			
						EXTERNAL							
						TOTAL				14			
UE:													
Description: It is my vision that by participating in this course you will improve your personal fitness, improve the basic skills of your chosen sport, gain a greater understanding of what fitness is and how to achieve and maintain fitness. Along the way we need to develop your understanding of your body systems so you understand fully how fitness works in the setting of your chosen sport. This is a practical course and we expect that you will be participating in a sport for WHS whilst completing this programme. This course counts towards the Level 2 National Certificate in Recreation and Sport (Core Skills).													
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways				Method of Assessment			
US	6571	5	2		Demonstrate relevance of principles of nutrition to health								Internal
US	21791	1	4		Relate human anatomy and movement to gym equipment and static stretching								Internal
US	21793	1	2		Demonstrate correct technique when using basic gym equipment								Internal
US	21794	1	3		Demonstrate, instruct, and monitor static stretching								Internal
US	21795	1	3		Demonstrate, instruct, and monitor safe and correct use of cardiovascular exercise equipment								Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries	Service Industries		Social & Community		Creative Industries			
-			-		-	14		-		3			

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2		HOSFN2		Hospitality/ Food & Nutrition				Duration: Full							
Entry: Open						Cost: \$100				CREDITS AVAILABLE					
Endorsement: No										INTERNAL		19			
										EXTERNAL		4			
UE: No										TOTAL		23			
Description: This course is comprised of Level 2 industry Unit Standards and Home Economics Achievement Standards. The key learning focus will be on students developing their knowledge and skill in the preparation and serving of food to meet Hospitality industry standards. Students will also learn and experience for themselves a variety of sustainable food practices. The external exam of this course focuses upon the relationship between food choices and individual well-being.															
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways			Method of Assessment	
US	167	6	4		Practice food safety methods in a food business										Internal
US	22234	2	4		Compare characteristics of international dishes										Internal
US	13276	3	2		Prepare and cook food by grilling										Internal
US	13285	3	2		Handle and maintain knives										Internal
US	13283	3	2		Prepare and present salads for service										Internal
AS	91302	2	5	Lit	Evaluate sustainable food production										Internal
AS	91300	2	4	Lit	Analyse the relationship between wellbeing,food choices and health										External
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community			Creative Industries			
-			-		5		9(R) 14 (SR)		5(R) 4(SR)			-			

(R)= Recommended

(SR)= Sector Related

*Standards may change during the course of a year and may not be offered to all students on the course



NCEA LEVEL 2			HOSBA2		BARISTA										Duration: Semester A or B				
Entry: Open						Cost: \$50						CREDITS AVAILABLE							
Endorsement: No												INTERNAL		8					
UE: No												EXTERNAL							
												TOTAL		8					
Description: This course gives each student the opportunity to learn, practice, and perfect their coffee making skills. Attainment of the Certificate of Achievement in Coffee Appreciation will be dependent upon students meeting all criteria set throughout the course.																			
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways							Method of Assessment						
US	17285	7	4		Demonstrate knowledge of commercial espresso coffee equipment and prepare espresso beverages under supervision									Internal					
US	17286	5	2		Prepare and present pressed coffee for service									Internal					
US	17287	5	2		Prepare and present filtered coffee for service									Internal					
Construction & Infrastructure			Manufacturing & Technology			Primary Industries			Service Industries			Social & Community			Creative Industries				
-			-			-			8			-			-				

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2		HOSFH2		Front of House										Duration: Semester A or B									
Entry: Open										Cost: \$50										CREDITS AVAILABLE			
Endorsement: No																				INTERNAL		9	
UE: No																				EXTERNAL			
																				TOTAL		9	
Description: This course is designed to give students an opportunity to learn some basic front of house skills. The course also provides students the opportunity to gain Unit Standard 167 (Food Safety) which is a pre-requisite for the majority of food-related employment opportunities.																							
U/A	No. Standard	Version	Credits	Lit/ Num	Full title										Pathways				Method of Assessment				
US	167	8	4		Practice food safety methods in a food business under supervision																Internal		
US	14425	6	5		Prepare and serve hot and cold non-alcoholic drinks for a commercial hospitality establishment																Internal		
Construction & Infrastructure			Manufacturing & Technology		Primary Industries				Service Industries				Social & Community				Creative Industries						
-			-		-				9				-				-						

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 3			PE3		Physical Education				Duration: Full					
Entry: At discretion of HOF					Cost: \$25				CREDITS AVAILABLE					
Endorsement: Yes									INTERNAL		20			
									EXTERNAL					
UE: Yes									TOTAL		20			
Description: This course is designed for students who are looking towards a career in the health, education and sports fields. In this course you will examine performance appraisal and how this can improve performance, implement a performance improvement programme completing a duathlon, design a programme to improve participation in physical activity and examine the issue of obesity in NZ today. This course contains both practical and theory assessments.														
U/A	No. Standard	Version	Credits	Lit/ Num	Full title				Pathways				Method of Assessment	
AS	91499	1	3	Lit	Analyse a physical skill performed by self or others - <i>Swimming</i>									Internal
AS	91550	1	4	Lit	Evaluate the effectiveness of a performance improvement programme - <i>Duathlon</i>									Internal
AS	91501	1	4	Lit	Demonstrate quality performance of a physical activity in an applied setting									Internal
AS	91502	1	4	Lit	Examine a current physical activity event, trend or issue and its impact on NZ society - <i>Obesity</i>									Internal
AS	91503	1	5	Lit	Evaluate the use of health promotion to influence participation in physical activity - <i>Lunchtime Activities</i>									
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community		Creative Industries			
-			-		-		20		7		16			

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 3		CA3	Coaching Applications					Duration: Full				
Entry: At discretion of HOF					Cost: \$25					CREDITS AVAILABLE		
Endorsement: No										INTERNAL	26	
UE:										EXTERNAL		
Description: This course is largely practical. In this course you will examine coaching and be involved in practical coaching sessions in the sport of your choice, and in the wider community. It is expected that as a part of this course you will be coaching a school team. You will complete your Comprehensive First Aid Certificate as part of the course.										TOTAL	26	
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways					Method of Assessment	
US	6400	6	2		Manage first aid in an emergency situation						Internal	
US	6401	6	1 - L2		Provide first aid						Internal	
US	6402	6	1 - L1		Provide basic life support						Internal	
US	20673	3	4		Demonstrate knowledge of injury prevention and risk and injury management in sport or recreation						Internal	
US	7021	3	8		Demonstrate exercise techniques						Internal	
US	22768	2	6		Conduct and review a beginner level coaching session						Internal	
US	22771	2	4		Plan a beginner level coaching session for sport participants						Internal	
Construction & Infrastructure			Manufacturing & Technology			Primary Industries		Service Industries		Social & Community		Creative Industries
-			-			-		-		-		-

*Standards may change during the course of the year and may not be offered to all students on the course

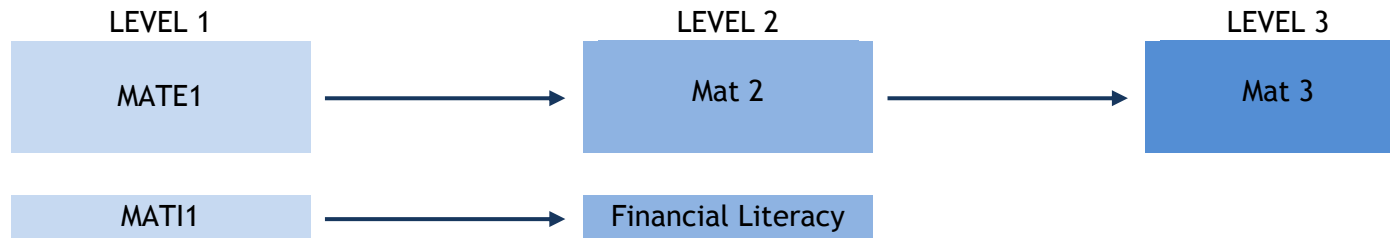


NCEA LEVEL 3				HOS3		Hospitality				Duration: Full						
Entry: Open (students who do not hold US167 will need to complete this L2 standard in Term 1)						Cost: \$100				CREDITS AVAILABLE						
Endorsement: No										INTERNAL		30 approx				
										EXTERNAL						
										TOTAL		30 approx				
UE: No																
Description: This course (new for 2017) is designed to give Y13 students the knowledge, skills and understanding needed for a head start in the Services Industries. Students who select this course may have the opportunity to be dual-enrolled at WITT two days a week under the 3 + 2 scheme. Students will need to be certain about their career direction, have a commitment to full attendance, be able to work independently, and show a work-ready attitude at all times. They will display excellent hygiene and safety standards and are required to adhere to the Health and Safety Work Act 2016, which includes wearing covered footwear in the kitchen.																
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways		Method of Assessment			
US	168		4		Demonstrate knowledge of food contamination hazards and control methods used in a food business										Internal: school	
US	13331		4		Prepare and cook pickles, chutneys and preserves in a commercial kitchen										Internal: school	
US	18497		8		Demonstrate knowledge of culinary products and terms										Internal: school	
					The above standards are an indication of what will be covered during standard school classes. These standards may change or be replaced with others - dependent on the individual needs of each student.											
					Witt component: New Zealand Certificate in Food and Beverage Service (Level 3)										Internal: WITT	
					Participation in the WITT course requires approval from parents/guardians and is subject to a selection process.											
Construction & Infrastructure			Manufacturing & Technology			Primary Industries			Service Industries			Social & Community			Creative Industries	
-			-			-			30			-			-	

MATHEMATICS AND STATISTICS

HOF: Mrs Diane Wright

Teachers: Mr Todd Fisher, Mrs Alison Slater



Careers these courses can lead to include: a huge range of occupations from all six Vocational Pathways sectors. Examples are: agriculture & farming, landscaper, sawmill operator, project or research engineer, transport, export and storage, marine engineer, building, concerting, plumbing, surveying, engineering, technician, director, event co-ordinator, boatbuilding, electronics, mechanical engineering, and many more.



NCEA LEVEL 1		MATE1		Mathematics			Duration: Full					
Entry: open						Cost:		CREDITS AVAILABLE				
Endorsement: Yes						INTERNAL		14				
UE: No						EXTERNAL		8				
Description: This course is for the more able mathematics student who enjoys algebra and examination situations.						TOTAL		22				
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways						Method of Assessment
AS	91026	3	4	Num	Apply numeric reasoning when solving problems							Internal
AS	91035	3	4	Lit/ Num	Investigate a multi variate data set using the statistical enquiry cycle							Internal
AS	91032	3	3	Num	Apply right angled triangles in solving measurement problems							Internal
AS	91031	3	4	Num	Apply geometric reasoning							External
AS	91029	3	3	Num	Apply linear algebra in solving problems							Internal
AS	91027	3	4	Num	Apply Algebraic methods							External
Construction & Infrastructure			Manufacturing & Technology		Primary Industries	Service Industries		Social & Community		Creative Industries		
22			22		22	22		15		22		

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 1		MATI1		MATHEMATICS				Duration: Full				
Entry: Open						Cost:		CREDITS AVAILABLE				
Endorsement: No								INTERNAL		19		
								EXTERNAL		0		
								TOTAL		19		
UE: No												
Description: A fully internal course offering the numeracy Unit Standards and some Achievement Standards. This course is aimed at the student who sometimes struggles in a test situation.												
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways						Method of Assessment
US	26623	3	4	Num	Use number to solve problems							Internal
US	26627	3	3	Num	Use measurement to solve problems							Internal
US	26626	3	3	Num	Interpret Statistical information for a purpose							Internal
AS	91026	3	4	Num	Apply numeric reasoning when solving problems							Internal
AS	91030	3	3	Num	Apply measurement in solving problems							Internal
US	24705	3	2		Interpret and confirm accuracy of financial documents for personal financial capability							Internal
Construction & Infrastructure 7			Manufacturing & Technology 7		Primary Industries 7		Service Industries 7		Social & Community 9		Creative Industries 9	

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2		MAT2		MATHEMATICS				Duration: Full				
Entry: 14 credits at Level 1						Cost:		CREDITS AVAILABLE				
Endorsement: Yes								INTERNAL		11		
UE: Yes								EXTERNAL		8		
								TOTAL		19		
Description: Level 2 Mathematics involves students in mathematical and statistical thinking. Working with simultaneous equations, investigations of phenomena, making inferences from surveys and experiments and investigating situations which involve elements of chance, are all part of the classroom programme. This course leads towards UE Mathematics.												
U/A	No. Standard	Version	Credits	Lit/Num	Full title				Pathways			Method of Assessment
AS	91259	2	3	Num	Apply trigonometric relationships in solving problems							Internal
AS	91269	2	2	Num	Apply systems of equations when solving problems							Internal
AS	91257	2	4	Num	Apply graphical methods in solving problems							Internal
AS	91261	2	4	Num	Apply algebraic methods in solving problems							External
AS	91267	2	4	Lit/Num	Apply probability methods in solving problems							External
AS	91256	2	2	Num	Apply coordinate geometry methods in solving problems							Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community		Creative Industries	
15			15		12		10		4		19	

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2		FLT2	Financial Literacy				Duration: Semester A or B			
Entry: Must have Level 1 Numeracy					Cost:			CREDITS AVAILABLE		
Endorsement: No								INTERNAL	9	
UE: No								EXTERNAL		
Description: The course covers the basics of budgeting, renting and flatting and taxation. The student will need good literacy skills.								TOTAL	9	
U/A	No. Standard	Version	Credits	Lit/Num	Full title	Pathways				Method of Assessment
US	28094	2	3		Produce a balanced budget and adjust the budget to reflect changing financial circumstances					Internal
US	12354	4	4		Describe legal implications of living in rented accommodation and means to prevent or resolve related problems					Internal
US	24695	3	2		Explain taxation and other deductions relating to personal income					Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries	Service Industries		Social & Community		Creative Industries
-			-		2	2		-		6

*Standards may change during the course of the year and may not be offered to all students on the course.



NCEA LEVEL 3		MAT3		Mathematics with Statistics				Duration: Full								
Entry: Mat2						Cost:				CREDITS AVAILABLE						
Endorsement: Yes										INTERNAL		14				
										EXTERNAL		10				
										TOTAL		24				
UE: Yes																
Description: In a range of meaningful contexts students will be engaged in thinking mathematically and statistically. They will solve problems and model solutions that require use of a wide variety of mathematical skills and processes. Making inferences from surveys and experiments, seeking explanations and making predictions, evaluating statistically based reports, and investigating situations that involve elements of chance are examples of the work which will be covered throughout this course, which leads directly into University studies.																
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways		Method of Assessment			
AS	91582	1	3	Num	Apply systems of simultaneous equations in solving problems											Internal
AS	91580	1	4	Lit/ Num	Investigate time series data											Internal
AS	91581	1	4	Lit/ Num	Investigate bivariate measurement data											Internal
AS	91574	1	3	Num	Apply linear programming methods in solving problems											Internal
AS	91585	1	4	Num	Apply probability concepts in solving problems											External
AS	91578	1	6	Num	Apply differentiation methods in solving problems											External
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community			Creative Industries				
9			9		24		7		6			3				

*Standards may change during the course of the year and may not be offered to all students on the course

SCIENCE

HOF Science: Mrs Dawn Laurence
 Science & Biology Teacher: Ms Kirsten Keighley
 Science & Physics Teacher: Ms Gael Surrey

Science & Agriculture Teacher: Mr Gus Berghan

LEVEL 1

A minimum of one semester of Science must be selected by all year 11 students; however, a full year is strongly recommended. You may combine 3 or 4 science semesters, and semesters from applied & academic sciences.

Applied Sciences

Everyday Science
 (Semester A)
 and/or
 Sport & Health Science
 (Semester B)
 and/or
 Investigative Science
 (Semester A or B)

Academic Sciences

SCIENCE 101

and/or

SCIENCE 102

LEVEL 2

You are encouraged to select 2 semesters to make a full year course. A semester in Bio and a semester in Science may be combined to make a full year.

SCIENCE 201
 (semester A)
 and/or

SCIENCE 202
 (semester B)

BIOLOGY 201
 (semester A)
 And/or
 BIOLOGY 202
 (semester B)

CHEMISTRY
 (Full year)

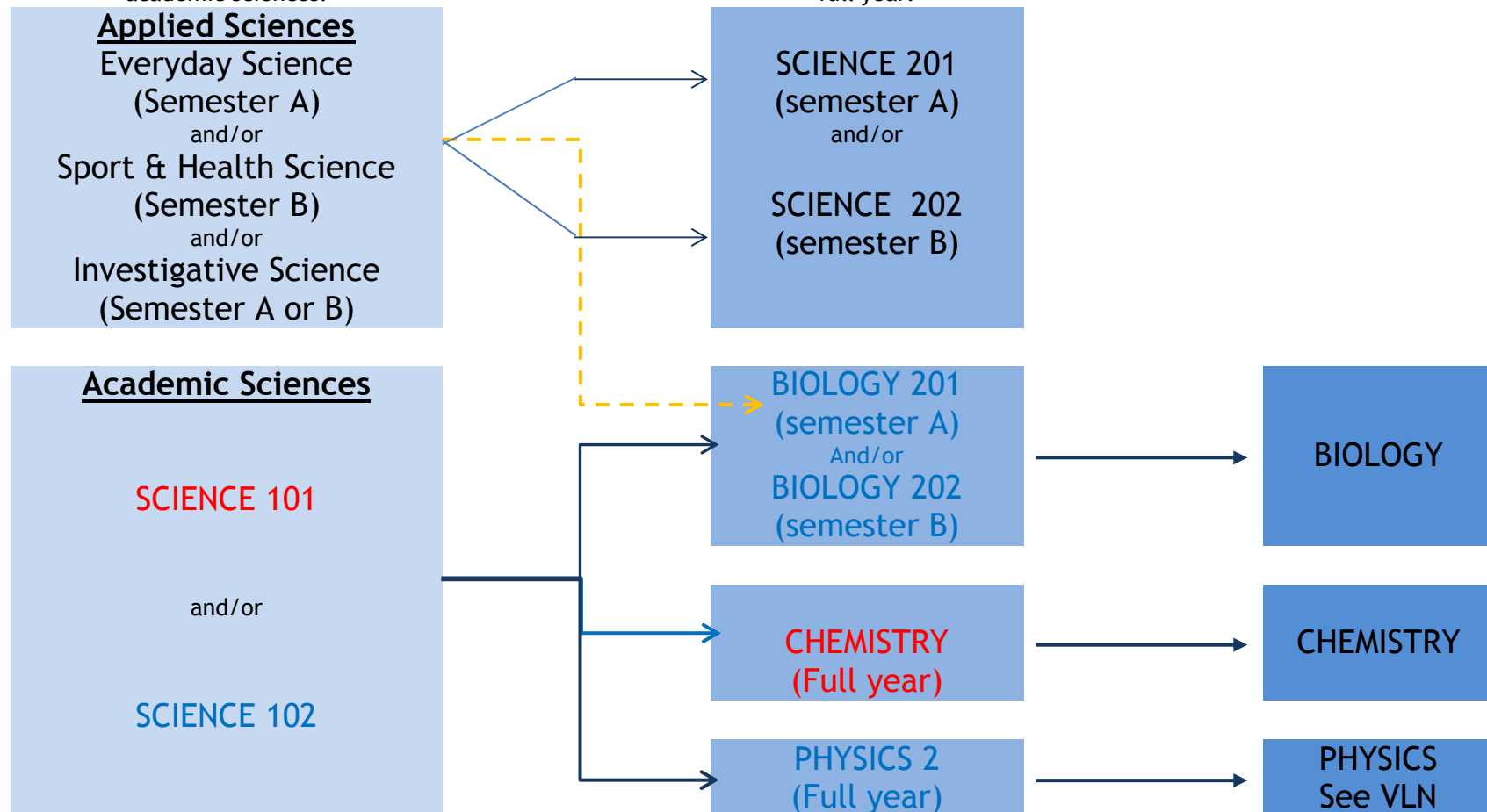
PHYSICS 2
 (Full year)

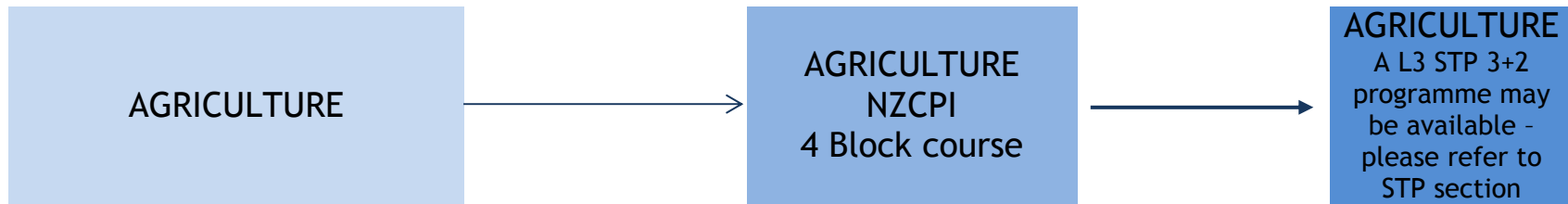
LEVEL 3

BIOLOGY

CHEMISTRY

PHYSICS
 See VLN





Careers these courses can lead to include: welding, veterinary, lab technician, dentistry, nursing, nutritionist, dairy industry, oil industry, medical, engineering, beauty therapy, electrician, mechanic, armed forces, farm management, farm advisor, scientist, physician, pharmaceutical, “green” technologies, nano technology, robotics, marine biologist, engineering, and many more.

- - *NOTE: Students from Everyday, Sport & Health, Investigative Science MAY be able to do L2 Biology or Chemistry at the TIC of that subject's discretion. It is recommended, however, that these Science students take L2 science.*



NCEA LEVEL 1		ESCI1		Everyday Science				Duration: Semester A						
Entry: Open						Cost: None				CREDITS AVAILABLE				
Endorsement: Students are eligible to gain course endorsement if SCI102 is also selected						INTERNAL				8				
						EXTERNAL				0				
						TOTAL				8				
UE: No														
Description: This course is aimed at students who are interested in gaining a basic background in Science. The course will cover the chemistry of metals and their importance in our everyday lives, and Life processes of humans including reproduction and understanding how our skin protects us.														
This course may be combined with Sci102 - Science102, SHSCI - Sport & Health Science, or ISCI - Investigative Science to make a full-year course of Science.														
U/A	No. Standard	Version	Credits	Lit/ Num	Full title				Pathways			Method of Assessment		
AS	90946	3	4	-	Investigate the implications of the properties of metals for their use in society									Internal
AS	90949	3	4	-	Investigate life processes and environmental factors that affect them									Internal
Construction & Infrastructure 4			Manufacturing & Technology 4		Primary Industries 8		Service Industries 4		Social & Community 4			Creative Industries 8		

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 1		SHSCI1		Sport & Health Science				Duration: Semester B								
Entry: Open						Cost: None				CREDITS AVAILABLE						
Endorsement: Students are eligible to gain course endorsement if SCI102 is also selected						INTERNAL				9						
						EXTERNAL				0						
						TOTAL				9						
UE: No																
Description: This course is aimed at students who are interested in Sports and Health Science, and require a basic background in Science. The course will cover biological issues such as the use of drugs in sport or childhood obesity, applications of chemical technology in sports equipment and medical implants, sports clothing and their role in heat insulation.																
This course may be combined with Sci101 - Academic Science, ESCI - Everyday Science, or ISCI - Investigative Science to make a full-year course of Science.																
U/A	No. Standard	Version	Credits	Lit/Num	Full title						Pathways			Method of Assessment		
AS	90926	3	3	Lit	Report on a Biological Issue											Internal
AS	90931	3	2	Lit	Demonstrate understanding of the chemistry in a technological application, with direction											Internal
AS	90943	3	4	Num	Investigate the implication of heat in everyday life											Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community			Creative Industries				
6			6		9		2		4			6				

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 1		ISC11		Investigative Science			Duration: Semester A or B				
Entry: Open					Cost: None			CREDITS AVAILABLE			
Endorsement: Students are eligible to gain course endorsement if SCI102 is also selected.								INTERNAL	12		
UE: No								EXTERNAL	0		
								TOTAL	12		
Description: This course is aimed at students who are interested in gaining a basic background in Practical Science. The course is based on three practical investigations (Biology, Chemistry, Physics) in which you will design and carry out an experiment, collect and process results and produce a scientific report.											
This course is designed to combine with either SHSCI - Sport & Health Science, or ESCI - Everyday Science to make a full-year Science course. It could also be combined with Science101, Science102 or Agriculture.											
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways			Method of Assessment		
AS	90930	3	4	Num	Carry out a practical Chemistry Investigation, with direction	<div></div>	<div></div>	<div></div>	Internal		
AS	90925	3	4	Num	Carry out a practical investigation in a Biological context, with direction	<div></div>	<div></div>	<div></div>	Internal		
AS	90935	3	4	Num	Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction	<div></div>	<div></div>	<div></div>	Internal		
Construction & Infrastructure 8			Manufacturing & Technology 12		Primary Industries 12	Service Industries 8	Social & Community 8		Creative Industries 8		

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 1		SC101		Science 101			Duration: Semester A		
Entry: Based on Year 10 Science results, or at the discretion of HOF Science.					Cost: Cost of workbook - TBC			CREDITS AVAILABLE	
Endorsement: Students are eligible to gain course endorsement if SCI1B is also selected								INTERNAL	12
UE: No								EXTERNAL	0
								TOTAL	12
Description: This course is aimed at students who are interested in gaining a background in Science that will prepare them to go on into Science subjects in the future. The course has a focus on Chemistry and Biology, looking at chemical reactions, the chemistry of metals and their use in our everyday lives, and understanding how micro-organisms live and the effect they can have on humans.									
This course is designed to combine with SCI1B - (semester B), to create a full-year Science course that will provide students with the opportunity to gain endorsement in Science with Merit or Excellence. This course is a requirement for students wanting to study Chemistry in Levels 2 and 3, and a recommendation for those wanting to study Biology at Level 2.									
This course could also be combined with SHSCI - Sport & Health Science, or ISCI - Investigative Science to make a full-year Science course.									
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways			Method of Assessment
AS	90947	3	4	-	Investigate selected chemical reactions				Internal
AS	90950	3	4	-	Investigate biological ideas relating to interactions between humans and micro-organisms				Internal
AS	90946	3	4	-	Investigate the implications of the properties of metals for their use in society				Internal
Construction & Infrastructure 12			Manufacturing & Technology 12		Primary Industries 12	Service Industries 4		Social & Community 8	Creative Industries 12

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 1		SC102		Science 102			Duration: Semester B		
Entry: Based on Year 10 Science results, or at the discretion of HOF Science.						Cost: Cost of workbook - TBC		CREDITS AVAILABLE	
Endorsement: Yes								INTERNAL	2 or 4
								EXTERNAL	8
UE: No								TOTAL	10 or 12
Description: This course is aimed at students who are interested in gaining a background in Science that will prepare them to go on into Science subjects in the future. The course has a focus on Physics and Biology, looking at Mechanics, the Biology of Genetics and Practical or Technological applications of Physics in everyday lives.									
This course is designed to combine with SCI1A - (Semester A), to create a full-year Science course that will provide students with the opportunity to gain endorsement in Science with Merit or Excellence. This course is a requirement for students wanting to go on to study Biology and Physics at Levels 2 and 3.									
This course could also be combined with ESCI - Everyday Science, or ISCI - Investigative Science to make a full-year Science course.									
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways			Method of Assessment
AS	90940	3	4	Num	Demonstrate understanding of aspects of mechanics				External
AS	90948	3	4	Lit	Demonstrate understanding of biological ideas relating to genetic variation				External
AS	90936	3	2	Lit	Demonstrate understanding of the physics of an application				Internal
AS	90935	3	4	Num	Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction				Internal
Construction & Infrastructure 8			Manufacturing & Technology 12		Primary Industries 12	Service Industries 4	Social & Community 12		Creative Industries 12

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 1		Ag1		Primary Production Agriculture Skills				Duration: Full								
Entry: Open						Cost: \$15.00				CREDITS AVAILABLE						
Endorsement: No										INTERNAL		20				
UE: No										EXTERNAL						
Description: This course will enable the recognition of some entry level skills and knowledge within the primary industry.										TOTAL		20				
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways			Method of Assessment		
US	19137	2	2		Describe the opportunities, advantages and disadvantages of rural employment											Internal
US	561	4	3		Install, dismantle and store temporary electric fences											Internal
US	24833	1	5		Identify and maintain fencing tools and equipment											Internal
US	24822	1	5		Install wooden battens											Internal
US	24834	1	3		Replace a broken post and repair broken wires											Internal
AS	90157	3	4		Demonstrate practical skills associated with agriculture production											Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community			Creative Industries				
0			0		20		0		0			0				

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2		SCI201		Practical Scientific Investigations						Duration: Semester A			
Entry: At discretion, but completion of Level 1 Science Achievement Standards is advisable.						Cost:		CREDITS AVAILABLE					
Endorsement: No								INTERNAL		8			
								EXTERNAL		0			
								TOTAL		8			
UE:													
Description: Students will learn about the process of planning, conducting and then reporting on scientific investigations. These could involve biological situations such as the effect of conditions upon growth, osmosis or respiration. In the Earth and Space Science setting the investigations will consider situations such as the heating effect of the sun, temperature changes in the seasons or the liquefaction response to earthquake.													
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways						Method of Assessment	
AS	91187	2	4	Num	Carry out an Earth and Space Science investigation							Internal	
AS	91153	2	4	Num	Carry out a practical Investigation in a biology context, with supervision							Internal	
Construction & Infrastructure			Manufacturing & Technology		Primary Industries	Service Industries		Social & Community		Creative Industries			
4			4		4	4		4		0			

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2		SCI202		Earth and Space Science				Duration: Semester B				
Entry: At discretion, but completion of Level 1 Science Achievement Standards is desirable.						Cost:		CREDITS AVAILABLE				
Endorsement: No								INTERNAL		8		
								EXTERNAL		0		
								TOTAL		8		
UE:												
Description: Students will study and write a report about the geological processes that have influenced the Taranaki landscape. This includes a field trip to the Okawa Formation at Waitara East Beach. In addition, students will investigate and write a report about how organisms have adapted to be able to survive in extreme environments such as the Deep Sea, Antarctica or Hot Deserts.												
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways						Method of Assessment
AS	91189	2	4	Lit	Investigate geological processes in a New Zealand locality							Internal
AS	91190	2	4	Lit	Investigate how organisms survive in an extreme environment							Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries	Service Industries		Social & Community		Creative Industries		
8			0		0	0		0		0		

*Standards may change during the course of the year and may not be offered to all students on the course.



NCEA LEVEL 2		BIO201			Biology 201			Duration: Semester A			
Entry: Must have completed and gained 14 credits in Science at Level 1, or at the discretion of the TIC Biology.					Cost: Cost of workbook and cost of fieldtrips			CREDITS AVAILABLE			
Endorsement: Students may be eligible for subject endorsement if Bio2B is also selected								INTERNAL	10 or 11		
UE: No								EXTERNAL	0		
								TOTAL	10 or 11		
Description: This Biology internal course is aimed at students interested in gaining an understanding of some of the key components of the living world, including practical investigations in Biology, animal adaptations, Ecology or Microscopy.											
This semester course may be combined with either Bio2B (Biology - External) to complete a full-year Biology course for those students intending to go on to complete Bio 301 in the future, or those who need a thorough background in Biology. In combination with Bio2B, students can work toward subject endorsement with Merit or Excellence.											
Or											
With Sci2B (Science - 2B) to gain a sound basis in Science.											
U/A	No. Standard	Version	Credits	Lit/Num	Full title				Pathways		Method of Assessment
AS	91153	2	4	Num	Carry out a practical investigation in a biology context					<div><div></div><div></div><div></div><div></div><div></div></div>	Internal
AS	91155	2	3	Lit	Demonstrate understanding of adaptations of plants and animals to their way of life					<div><div></div><div></div><div></div><div></div><div></div></div>	Internal
AS	91158	2	4	Lit	Investigate a pattern in an ecological community, with supervision					<div><div></div><div></div><div></div><div></div><div></div></div>	Internal
AS	91160	2	3		Investigate biological material at the microscopic level					<div><div></div><div></div><div></div><div></div><div></div></div>	Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community		Creative Industries
-			4		11		10		10		-

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2		BIO202		Biology 202				Duration: Semester B					
Entry: Must have completed and gained 12 credits in Science AT Level 1, of which four must be External, or at the discretion of the TIC Biology.						Cost: Cost of workbook				CREDITS AVAILABLE			
Endorsement: Yes										INTERNAL	4		
										EXTERNAL	8		
UE: No										TOTAL	12		
Description: This Biology External course is aimed at students interested in gaining a thorough understanding of some of the key components of the living world around us, including life processes at the cell level, genetic variation and adaptations of animals to extreme environments.													
This semester course may be combined with Bio2A (Biology - Internal) to complete a full-year Biology course for those students intending to go on to complete Bio301 in the future, or those who need a thorough background in Biology.													
In combination with Bio2A students can work toward subject endorsement with Merit or Excellence.													
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways		Method of Assessment
AS	91156	2	4	Lit	Demonstrate understanding of life processes at the cellular level								External
AS	91157	2	4	Lit	Demonstrate understanding of genetic variation and change								External
AS	91190	1	4	Lit	Investigate how organisms survive in an extreme environment.								Internal
Construction & Infrastructure 4			Manufacturing & Technology -		Primary Industries 8		Service Industries -		Social & Community 8		Creative Industries -		

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2		CHEM2		CHEMISTRY		Duration: Full						
Entry: You must have achieved AS90947, Investigate selected chemical reaction, as well as at least one other standard, or at HOF discretion.					Cost: Workbook \$22.00					CREDITS AVAILABLE		
Endorsement: Yes										INTERNAL	10	
										EXTERNAL	9	
UE:										TOTAL	19	
Description: This course is needed for you to be able to take Chemistry at Level 3 or at university. Chemistry is necessary if you intend to do any of the following tertiary courses: health sciences, including nursing, engineering, agricultural science or vet/vet nursing.												
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways						Method of Assessment
AS	91161	2	4		Carry out quantitative analysis							Internal
AS	91162	2	3		Carry out procedures to identify ions present in solution							Internal
AS	91164	2	5		Demonstrate understanding of bonding, structure, properties and energy changes							External
AS	91166	2	4		Demonstrate understanding of chemical reactivity							External
AS	91167	2	3		Demonstrate understanding of oxidation-reduction							Internal
-												
-												
Construction & Infrastructure 19			Manufacturing & Technology 19		Primary Industries 19		Service Industries 4		Social & Community 19		Creative Industries 19	

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2		PHYS2		PHYSICS		Duration: Full						
Entry: At discretion, but achievement in Level 1 Mechanics, Trigonometry and Algebra recommended					Cost:					CREDITS AVAILABLE		
Endorsement: Yes										INTERNAL	7	
UE:										EXTERNAL	16	
										TOTAL	23	
Description: Students will complete a programme of Science specifically related to the study of Physics in a variety of contexts. Mathematical calculations will be applied in context, as well as the understanding of the background Physics theory, such as Newton’s Laws of Motion. The study of Physics is a common entry requirement for careers such as Professional Engineering, Architecture, Health Sciences, Surveying, Electronics, and Appliance servicing.												
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways						Method of Assessment
AS	91168	2	4		Carry out a practical physics investigation that leads to a non-linear mathematical relationship							Internal
AS	91170	2	4		Demonstrate understanding of waves							External
AS	91171	2	6		Demonstrate understanding of mechanics							External
AS	91172	2	3		Demonstrate understanding of atomic and nuclear physics							Internal
AS	91173	2	6		Demonstrate understanding of electricity and electromagnetism							External
Construction & Infrastructure			Manufacturing & Technology		Primary Industries	Service Industries		Social & Community		Creative Industries		
23			23		20	0		23		23		

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2		NZCPI2		NZ Certificate in Primary Industry Skills				Duration:Two Line Option							
Entry: Open					Cost: \$15					CREDITS AVAILABLE					
Endorsement:					UE:					INTERNAL		51			
										EXTERNAL					
										TOTAL		51			
Description: This qualification is an entry pathway for learners who are seeking a career in the primary sector. This course is a 4-Block learning programme which will allow students the necessary time to complete various practical tasks.															
U/A	No. Standard	Version	Credits	Lit/ Num	Full title					Pathways			Method of Assessment		
US	561	1	2		Install temporary electric fence										Practical.
US	24833	1	3		Identify and maintain fencing tools and equipment										Written and practical.
US	24836	2	2		Describe non-electric fences and safety practices										Written.
US	24822	1	4		Install wooden battens										Practical.
US	24835	1	3		Identify location of faults in electric fences and replace components										Practical.
US	24834	1	5		Replace a broken post and repair broken wire										Practical.
US	24832	1	5		Open wire coil, tie knots, join wire, prepare roll of wire for transport										Practical.

Standards to be covered in this two-line course are continued on the following page



U/A	No. Standard	Version	Credits	Lit/Num	Full title	Pathways				Method of Assessment
US	24823	1	2		Install wire droppers for fencing					Practical.
US	19044	2	4		Describe the legal requirements and occupational hazards associated with tractor use					Written
US	19145	2	4		Describe hydration, nutrition and sleep in relation to agricultural workers					Written.
US	19147	2	2		Describe the activities and hazards in a woolshed during shearing from a farm perspective					Written.
US	577	4	5		Dag and crutch sheep by machine with prepared equipment					Practical.
US	23541	1	5		Locate hazards, describe safety procedures, and demonstrate safe work practices in a rural workplace (<i>Mandatory to this Certificate</i>)					Practical.
US	23540	1	5		Demonstrate knowledge of hazards, hazard control, and the consequences of injury in a rural workplace					Written.
Construction & Infrastructure			Manufacturing & Technology		Primary Industries	Service Industries		Social & Community		Creative Industries
-			-		51	-		-		-

*Standards may change during the course of the year and may not be offered to all students on the course.



NCEA LEVEL 3		BIO3			Biology		Duration: Full						
Entry: Must have completed a full Level 2 Biology course, or at the discretion of TIC Biology.					Cost: Cost of workbook and overnight trip.			CREDITS AVAILABLE					
Endorsement: Yes								INTERNAL		14			
								EXTERNAL		9			
UE: Yes								TOTAL		23			
Description: Over six Achievement Standards this course covers a broad range of Biology and Science topics to provide students with wide coverage of aspects of the living world around us. This course will cover practical investigations in Biology, understanding systems of the human body, socio-scientific issue debates, evolutionary patterns and behaviours and responses of plants and animals. Students can also work towards endorsement in Biology with Merit or Excellence.													
U/A	No. Standard	Version	Credits	Lit/ Num	Full title					Pathways		Method of Assessment	
AS	91601	1	4		Carry out a practical investigation in a biological context with guidance								Internal
AS	91602	1	3	UER	Integrate biological knowledge to develop an informed response to a socio-scientific issue								Internal
AS	91603	1	5	UEW	Demonstrate understanding of the responses of plants and animals to their external environment								External
AS	91604	1	3	UER	Demonstrate understanding of how an animal maintains a stable internal environment								Internal
AS	91605	1	4	UEW	Demonstrate understanding of evolutionary processes leading to speciation								External
AS	91411	1	4	UEW	Investigate a socio-scientific issue in an Earth and Space Science context								Internal
Construction & Infrastructure 4			Manufacturing & Technology 11		Primary Industries 19		Service Industries -		Social & Community 14		Creative Industries -		

*Standards may change during the course of the year and may not be offered to all students on the course

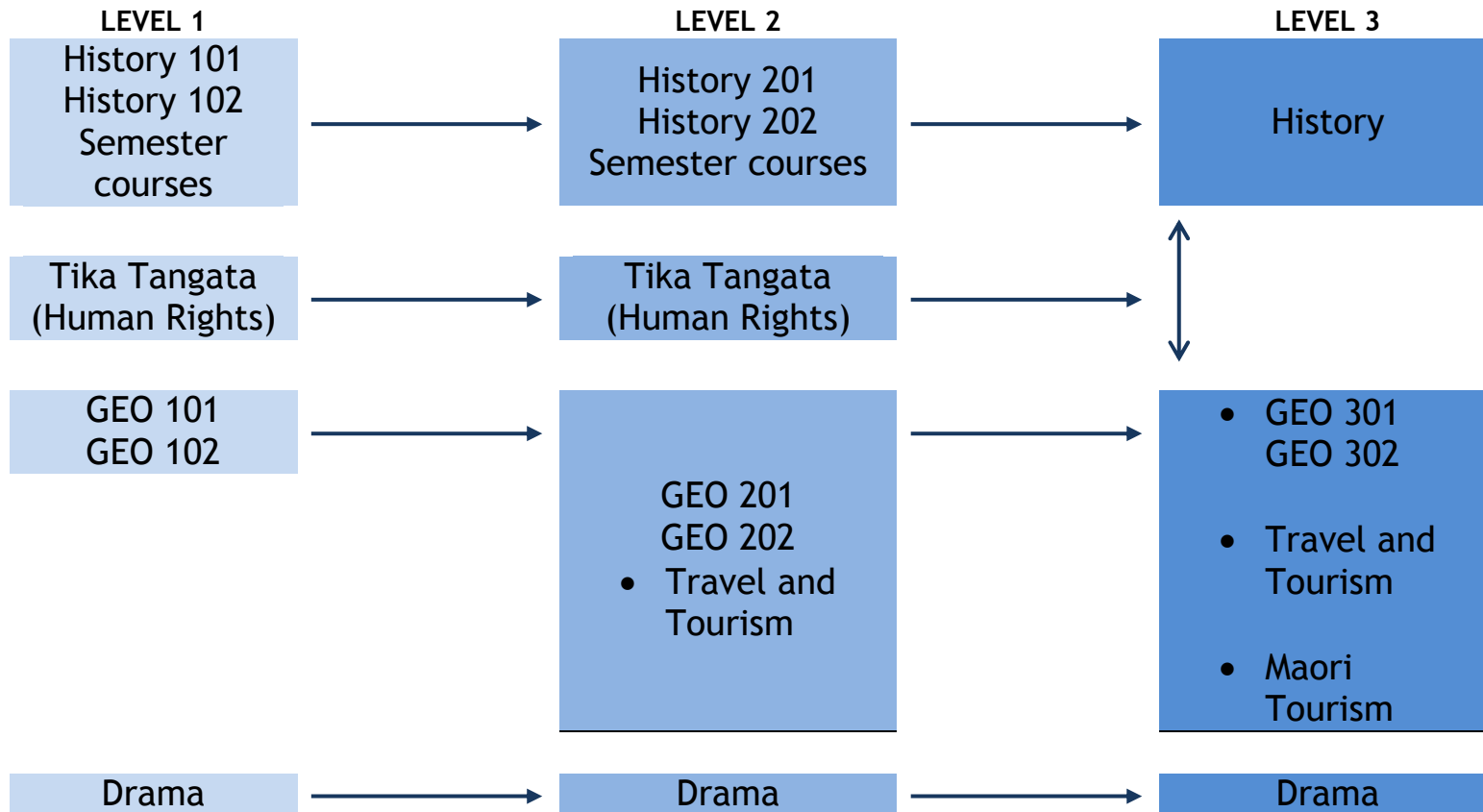


NCEA LEVEL 3			CHEM3		CHEMISTRY			Duration: Full						
Entry: At least one Level 2 Chemistry standard or at HOF discretion.					Cost: Workbook \$22.00					CREDITS AVAILABLE				
Endorsement: Yes										INTERNAL		10		
UE: Yes										EXTERNAL		10		
Description: This course is necessary if you intend to do any of the following tertiary courses: health sciences, including nursing, engineering, agricultural science.										TOTAL		20		
U/A	No. Standard	Version	Credits	Lit/ Num	Full title					Pathways			Method of Assessment	
AS	91387	1	4		Carry out an investigation in chemistry involving quantitative analysis									Internal
AS	91389	1	3	Lit/ Num	Demonstrate understanding of chemical processes in the world around us.									Internal
AS	91390	1	5		Demo understanding of thermochemical principles and the properties of particles and substances									External
AS	91391	1	5		Demonstrate understanding of the properties of organic compounds									External
AS	91393	1	3		Demonstrate understanding of oxidation-reduction processes									Internal
-														
-														
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community			Creative Industries		
20			20		20		5		20			-		

*Standards may change during the course of the year and may not be offered to all students on the course

SOCIAL SCIENCES

HOF: Mrs Melanie Keighley
History/Social Studies Teacher: Mr Dixon Lobb



Careers these courses can lead to include: education, law, sales and marketing, public relations, surveyor, ecologist, hydrologist, tourism management, travel agent, meteorologist, youth worker, kapa haka performer, advisor, social services, community worker, mapmaker, steward, criminologist, and many more.



WAITARA HIGH SCHOOL

Strive and go forward – Kia Kaha ki te ora tonu – Ulterius Tende

NCEA LEVEL 1		HIST101		HISTORY 101				Duration: Semester A							
Entry: Open				Cost:				CREDITS AVAILABLE							
Endorsement: No								INTERNAL		8					
								EXTERNAL		4					
UE: No								TOTAL		12					
Description: History is about using events from the past to help us understand what is happening in the world and what may happen in the future. In this course we will look at some of the major social, political struggles of the 20 th Century that have shaped the New Zealand society.															
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways		Method of Assessment		
AS	91001	3	4	Lit	Carry out an investigation of an historical event, or place, of significance to New Zealanders										Internal
AS	91006		4	Lit	Describe how a significant historical event affected New Zealand society										External
AS	91043		4	Lit	Describe a social justice and human rights action										Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community		Creative Industries				
-			-		4		8		12		12				

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 1		HIST102		HISTORY 102				Duration: Semester B										
Entry: Open								Cost:				CREDITS AVAILABLE						
Endorsement: No								INTERNAL				12						
UE: No								EXTERNAL				8						
								TOTAL				20						
Description: History is about using events from the past to help us understand what is happening in the world and what may happen in the future. In this course we will look at some of the major social & political struggles of the 20 th Century that have shaped the societies around the world.																		
U/A	No. Standard	Version	Credits	Lit/ Num	Full title							Pathways			Method of Assessment			
AS	91001	3	4	Lit	Carry out an investigation of an historical event, or place, of significance to New Zealanders													Internal
AS	91006		4	Lit	Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders													Internal
AS	91043		4	Lit	Describe a social justice and human rights action													Internal
AS	91005		4	Lit	Describe the causes and consequences of an historical event													External
AS	91003		4	Lit	Interpret sources of an historical event of significance to New Zealanders													External
Construction & Infrastructure			Manufacturing & Technology		Primary Industries			Service Industries		Social & Community			Creative Industries					
16			20		12			4		-			-					

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 1		TT1		TIKA TANGATA						Duration: Semester A or B							
Entry: Open						Cost:						CREDITS AVAILABLE					
Endorsement: No												INTERNAL		8			
												EXTERNAL					
												TOTAL		8			
UE: No																	
Description: Social Science is all about understanding how the world works and why sometimes there are problems. In Tika Tangata (Human Rights) we focus on understanding the issues and then taking action to change them. All students will research an issue then participate in an action to address the issue.																	
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways				Method of Assessment		
AS	91040	3	4	Lit	Conduct a social inquiry												Internal
AS	91042	3	4	Lit	Report on personal involvement in a social justice and human rights action												Internal
Construction & Infrastructure			Manufacturing & Technology			Primary Industries			Service Industries			Social & Community			Creative Industries		
-			-			4			8			8			8		

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 1		GEO101		Geography 101				Duration: Semester A					
Entry: None						Cost: None				CREDITS AVAILABLE			
Endorsement: Students are eligible for course endorsement if Geo1B and at least one external standard are also selected.						INTERNAL				10			
						EXTERNAL				0			
						TOTAL				10			
UE:													
Description: In this semester course, we look at things happening in Taranaki, in Aotearoa New Zealand and elsewhere in the world. We will compare the weather that we experience at school with what the Met Service says we will get. We look at the problems that pests (possums, stoats and rats) create on Maunga Taranaki and what we can do about them. On a global scale, we will look at where coffee is grown, why it is grown there and what impacts that has on people. If we have time, we use Google Earth to look at what might happen if Auckland experienced a volcanic eruption.													
U/A	No. Standard	Version	Credits	Lit/ Num	Full title				Pathways		Method of Assessment		
AS	91011	3	4	Lit	Conduct geographic research, with direction. (Literacy and Numeracy)							Internal	
AS	91012	2	3	Lit	Describe aspects of a contemporary New Zealand geographic issue.							Internal	
AS	91013	2	3	Lit	Describe aspects of a geographic topic at a global scale.							Internal	
					91013 <u>OR</u> 91014 will be offered; there may not be enough time to cover both							Internal	
AS	91014	2	3		Apply spatial analysis, with direction, to solve a geographic problem.							Internal	
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community		Creative Industries		
-			-		-		-		-		-		

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 1		GEO102		Geography 102				Duration: Semester B			
Entry: None						Cost: None - a textbook for skills will be available to buy			CREDITS AVAILABLE		
Endorsement: Students may be eligible for endorsement if Geo1A is also selected. Students must be prepared to sit externals if aiming for course endorsement.									INTERNAL		3-6
									EXTERNAL		8
UE:									TOTAL		11-14
In this semester course, we look at things happening in Taranaki, in Aotearoa New Zealand and elsewhere in the world. We look at the problems that pests (possums, stoats and rats) create on Maunga Taranaki and what we can do about them. Our external standard looks at the causes and effects of the Christchurch earthquake. We will use Google Earth to look at what might happen if Auckland experienced a volcanic eruption.											
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways				Method of Assessment	
AS	91007	3	4	Lit	Demonstrate geographic understanding of environments that have been shaped by extreme natural event(s)						External
AS	91010	2	4	Num	Apply concepts and basic geographic skills to demonstrate understanding of a given environment.						External
AS	91012	2	3	Lit	Describe aspects of a contemporary New Zealand geographic issue.						Internal
AS	91014	2	3		Apply spatial analysis, with direction, to solve a geographic problem.						Internal
Construction & Infrastructure 4			Manufacturing & Technology -		Primary Industries 18	Service Industries 21		Social & Community 3		Creative Industries 14	

* Standards may change during the course of the year and may not be offered to all students on the course.



NCEA LEVEL 1		DRAM1			DRAMA				Duration: Semester A or B						
Entry: Open						Cost:				CREDITS AVAILABLE					
Endorsement: No										INTERNAL		9			
										EXTERNAL		0			
UE: No										TOTAL		9			
Description: Drama enables us to put ourselves into different roles and identities that help us to broaden our understanding of other people’s thoughts and perspectives and develop a more empathetic view of the world. In this course students will both study a significant play and participate in a class production.															
U/A	No. Standard	Version	Credits	Lit/ Num	Full title					Pathways				Method of Assessment	
AS	90009	6	5		Perform an acting role in a scripted production										Internal
AS	91000	3	4		Demonstrate understanding of a significant play										Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community			Creative Industries			
-			-		-		5		-			9			

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2		HIST201		HISTORY OF WAITARA					Duration: Semester A							
Entry: Open					Cost:					CREDITS AVAILABLE						
Endorsement: No										INTERNAL		13				
UE: No										EXTERNAL		0				
										TOTAL		13				
Description: History is about using events from the past to help us understand what is happening in the world and what may happen in the future. In this course we will look at some of the major social, political and military struggles of the 20 th Century that have shaped Waitara and the people who live here. This is your history and we should all be aware of our own stories.																
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways			Method of Assessment		
AS	91001	3	4	Lit	Carry out an inquiry of an historical event or place that is of significance to New Zealanders											Internal
US	12352	3	3		Describe aspects of one's own lineage, heritage, and cultural identity											Internal
US	16054	3	2		Describe the life and achievements of a Maori leader											Internal
US	16052	3	4		Describe the wars between Maori and Pakeha during the 19th Century											Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries			Service Industries			Social & Community			Creative Industries		
-			-		-			4			-			13		

*Standards may change during the course of the year and may not be offered to all students on the course



WAITARA HIGH SCHOOL

Strive and go forward – Kia Kaha ki te ora tonu – Ulterius Tende

NCEA LEVEL 2		HIST202		HISTORY 202										Duration: Semester B							
Entry: Open										Cost:					CREDITS AVAILABLE						
Endorsement: Yes										INTERNAL					9						
										EXTERNAL					9						
UE: No										TOTAL					18						
Description: History is about using events from the past to help us understand what is happening in the world and what may happen in the future. In this course we will look at some of the major social, political and military struggles of the 20 th Century that have shaped the world as we understand it.																					
U/A	No. Standard	Version	Credits	Lit/ Num	Full title										Pathways					Method of Assessment	
AS	91229	3	4	Lit	Carry out an inquiry of an historical event or place that is of significance to New Zealanders																Internal
AS	91230	3	5	Lit	Examine an historical event or place that is of significance to New Zealanders																Internal
AS	91231	3	4	Lit	Examine sources of an historical event that is of significance to New Zealanders																External
AS	91233	3	5	Lit	Examine causes and consequences of a significant historical event																External
Construction & Infrastructure			Manufacturing & Technology			Primary Industries			Service Industries			Social & Community			Creative Industries						
-			-			-			9			-			18						

*Standards may change during the course of the year and may not be offered to all students on the course



WAITARA HIGH SCHOOL

Strive and go forward – Kia Kaha ki te ora tonu – Ulterius Tende

NCEA LEVEL 2		TT2		TIKA TANGATA						Duration: Semester A or B							
Entry: Open						Cost:						CREDITS AVAILABLE					
Endorsement: No												INTERNAL		10			
												EXTERNAL					
												TOTAL		10			
UE: No																	
Description: Social Science is all about understanding how the world works and why sometimes there are problems. In Tika Tangata (Human Rights) we focus on understanding the issues and then taking action to change them. All students will research an issue then participate in an action to address the issue.																	
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways				Method of Assessment		
AS	91280	3	5	Lit	Conduct a reflective social inquiry												Internal
AS	91282	3	5	Lit	Describe personal involvement in a social action related to rights and responsibilities												Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community		Creative Industries						
-			-		-		5		10		10						

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2		GEO201		Geography 201				Duration: Semester A				
Entry: None						Cost: There is a small cost for the field trip.			CREDITS AVAILABLE			
Endorsement: Students are eligible for course endorsement if GEO2B and at least one external standard are selected									INTERNAL		11	
									EXTERNAL		0	
									TOTAL		11	
UE:												
Description: In Geography, we look at things happening in Taranaki, in Aotearoa New Zealand and elsewhere in the world. We will visit Maunga Taranaki and see what happens to the environment at three different sites. We look at the murder rate in Chicago, USA and find out why it experiences so much crime. On a global scale, we investigate the problem of malaria and find out why it is something we should be concerned about.												
U/A	No. Standard	Version	Credits	Lit/Num	Full title					Pathways		Method of Assessment
AS	91244	2	5	Num	Conduct geographic research with guidance. (Counts towards Literacy and Numeracy credits)							Internal
AS	91241	2	3	Lit	Demonstrate geographic understanding of an urban pattern.							Internal
AS	91246	2	3	Lit	Explain aspects of a geographic topic at a global scale.							Internal
Construction & Infrastructure 3			Manufacturing & Technology -		Primary Industries 3		Service Industries 11		Social & Community -		Creative Industries 5	

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2		GEO202		Geography 202				Duration: Semester B			
<p>Entry: Whilst there are no prior requirements to take Level 2 Geography, some students may find AS91243 (Skills) difficult if they have not done it at Level 1.</p> <p>Endorsement: Students are eligible for course endorsement if GEO2A and at least one external exam are selected</p> <p>UE:</p> <p>Description: In Geography, we look at things happening in Taranaki, in Aotearoa New Zealand and elsewhere in the world. We will visit Maunga Taranaki and see what happens to the environment at three different sites. We look at the murder rate in Chicago, USA and find out why it experiences so much crime. On a global scale, we investigate the problem of malaria and find out why it is something we should be concerned about. Our external standard looks at the country of Tanzania and why there are differences between its rural and urban areas. *If students have not taken Geography at Level 1 or 2 before, entry to this exam will be discussed with the individual. **If students are picking up Geography for the first time in Semester B, Skills will be replaced by 91241 or 91246.</p>						Cost: A textbook for skills will be available to buy.		CREDITS AVAILABLE			
								INTERNAL		3-6	
								EXTERNAL		4-8	
								TOTAL		14	
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways				Method of Assessment	
AS	91242	2	4	Lit	Demonstrate geographic understanding of differences in development.						External
AS	91243	2	4	Lit	Apply geography concepts and skills to demonstrate understanding of a given environment.*						External
AS	91245	2	3	Lit	Explain aspects of a contemporary New Zealand geographic issue.						Internal
AS	91241	2	3	Lit	Demonstrate geographic understanding of an urban pattern**.						Internal
AS	91246	2	3	Lit	Explain aspects of a geographic topic at a global scale**.						Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries	Service Industries		Social & Community		Creative Industries	
7			-		7	14		7		7	

*Standards may change during the course of the year and may not be offered to all students on the course



WAITARA HIGH SCHOOL

Strive and go forward – Kia Kaha ki te ora tonu – Ulterius Tende

NCEA L2		TRTO2		Travel and Tourism						Duration: Full							
Entry: None						Cost: \$30 - to cover the costs of workbooks from the New Zealand School of Tourism						CREDITS AVAILABLE					
Endorsement: No												INTERNAL			18 to 24		
UE:No												EXTERNAL			0		
												TOTAL			18 to 24		
Description: This course is suited to students who want to find out about the exciting options a career in tourism can bring. It will look at how important the tourism industry is to New Zealand and the different sectors of the tourist industry. Over a two year course, it may be possible for students to achieve the National Certificate in Travel and Tourism (Level 2, Introductory Skills).																	
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways			Method of Assessment			
US	24728	1	3		Demonstrate knowledge of work roles in tourism												Internal
US	24729	2	4		Demonstrate knowledge of world tourist destinations												Internal
US	24730	1	4		Demonstrate knowledge of the business of tourism												Internal
US	24731	2	4		Demonstrate knowledge of destination New Zealand												Internal
US	24732	1	3		Demonstrate knowledge of tourist characteristics and needs												Internal
US	23761	1	3		Read & comprehend work-related documents in English for a tourism workplace*												Internal
US	24726	1	3		Describe & compare social & cultural impacts of tourism*												Internal
Construction & Infrastructure			Manufacturing & Technology			Primary Industries			Service Industries			Social & Community			Creative Industries		
-			-			-			24			-			-		

* Please note: Standards may change during the course of the year. The National Certificate in Tourism (Level 2) is currently being reviewed.



NCEA LEVEL 2			DRAM2		DRAMA				Duration: Semester A or B								
Entry: Open					Cost:					CREDITS AVAILABLE							
Endorsement: No					UE: No					INTERNAL		9					
										EXTERNAL		0					
										TOTAL		9					
Description: Drama enables us to put ourselves into different roles and identities that help us to broaden our understanding of other people’s thoughts and perspectives and develop a more empathetic view of the world. In this course students will both study a significant play and participate in a class production.																	
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways				Method of Assessment		
AS	91218	2	5		Perform a substantial acting role in a scripted production												Internal
AS	91217	2	4		Examine the work of a playwright												Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries			Service Industries			Social & Community			Creative Industries			
-			-		-			-			-			9			

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 3			HIST3		HISTORY				Duration: Full								
Entry: Open					Cost:					CREDITS AVAILABLE							
Endorsement: Yes										INTERNAL		13					
										EXTERNAL		10					
UE: Refer to TIC										TOTAL		23					
Description: History is about using events from the past to help us understand what is happening in the world and what may happen in the future. In this course we will look at the impact of colonisation and the Treaty of Waitangi on New Zealand society, specifically in the local area. An understanding of the Treaty is a prerequisite for almost any job in or related to the Public Service Sector, and this includes nursing, law, journalism, planning, teaching and many other roles.																	
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways				Method of Assessment		
AS	91434	3	5	Lit	Research an historical event or place of significance to New Zealanders, using primary and secondary sources												Internal
AS	91435	3	5	Lit	Analyse an historical event, or place, of significance to New Zealanders												Internal
AS	91436	3	4	Lit	Analyse evidence relating to an historical event of significance to New Zealanders,												External
AS	91438	3	6	Lit	Analyse the causes and consequences of a significant historical event												External
US	16049	3	3		Compare and Contrast differences in the text of the Treaty of Waitangi												Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries			Service Industries			Social & Community			Creative Industries			
-			-		14			10			-			5			

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 3		GEO301		Geography 301				Duration: Semester A					
Entry: None						Cost: None				CREDITS AVAILABLE			
Endorsement: Students will be eligible for endorsement if GEO302 and at least one external standard are selected										INTERNAL		11	
										EXTERNAL		0	
UE: Students will need to select both GEO301 and GEO302										TOTAL		11	
Description: In Geography, we look at things happening in Taranaki, in Aotearoa New Zealand and elsewhere in the world. We will look at the planning needed to allow the Taranaki Relay for Life to happen and what the impacts of this event are. Our research topic will depend on what the students are interested in. On a global scale, we investigate the growth of tourism and find out what is causing the increase in people visiting other countries.													
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways						Method of Assessment	
AS	91430	1	5	Num	Conduct geographic research with consultation. (Numeracy and Literacy credits)								Internal
AS	91432	1	3	Lit	Analyse aspects of a geographic topic at a global scale.								Internal
AS	91428	1	3	Lit	Analyse a significant contemporary event from a geographic perspective.								Internal
					We will choose from AS91248 OR AS91431								Internal
AS	91431	1	3	Lit	Analyse aspects of a contemporary geographic issue.								Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries	Service Industries		Social & Community			Creative Industries		
-			-		3	14		3			3		

Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 3		GEO302		Geography 302				Duration: Semester B			
Entry: **Whilst there are no prior requirements to take Level 3 Geography, some students may find AS91429 (Skills) difficult if they have not done it at Level 1 and/or 2.						Cost: There is a cost for the field trip to Waitomo.				CREDITS AVAILABLE	
Endorsement: Students are eligible for endorsement if GEO3A is selected also. External standards are also necessary for course endorsement.										INTERNAL	3-6
										EXTERNAL	4-8
UE: GEO3A & GEO3B will both need to be selected by student in order to gain UE										TOTAL	10-11
Description: In Geography, we look at things happening in Taranaki, in Aotearoa New Zealand and elsewhere in the world. Our research topic will depend on what the students are interested in. On a global scale, we investigate the growth of tourism and find out what is causing the increase in people visiting other countries. The cultural process external looks at the development of tourism at Waitomo and what the impacts have been on people and the environment.											
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways					Method of Assessment
AS	91427	1	4	Lit	Demonstrate understanding of how a cultural process shapes geographic environment(s).						External
AS	91429	1	4	Lit	Demonstrate understanding of a given environment(s) through selection and application of geographic concepts and skills.**						External
AS	91431	1	3	Lit	Analyse aspects of a contemporary geographic issue.						Internal
91431 or 91432 if students are picking this as a Semester B course and have done Semester A. If students are picking up Geography for the first time in Semester B, Skills will be substituted for another internal.											
AS	91432	1	3	Lit	Analyse aspects of a geographic topic at a global scale.						Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries	Service Industries		Social & Community		Creative Industries	
-			-		-	-		-		-	
										Creative Industries	
										-	

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 3			TRTO3		Travel and Tourism					Duration: Full								
Entry: None					Cost: \$30 - to cover the costs of workbooks from the New Zealand School of Tourism					CREDITS AVAILABLE								
Endorsement: No										INTERNAL		20-25						
UE:No										EXTERNAL		0						
										TOTAL		20-25						
Description: The Level 3 Tourism course focuses on New Zealand as a tourism destination with the option of looking at tourist attractions and activities in Australia and the Pacific Islands. Students do not have to have taken Tourism at Level 2 to take it at Level 3. For those who studied Tourism at Level 2, it may be possible to achieve the National Certificate in Travel and Tourism (Level 2, Introductory Skills). Not all of the standards listed here contribute to the certificate so at the start of the year, students can select from this list depending on whether they wish to achieve the National Certificate in Travel and Tourism or not. Students should aim to complete 20 to 25 credits in a full-year course.																		
U/A	No. Standard	Version	Credits	Lit/ Num	Full title							Pathways				Method of Assessment		
US	18228	2	8		Demonstrate knowledge of specific New Zealand regions as tourist destinations													Internal
US	18212	2	8		Demonstrate knowledge of New Zealand as a tourist destination													Internal
US	24725	1	4		Describe and analyse the economic significance of tourism													Internal
US	24733	1	4		Describe and promote a New Zealand tourist destination													Internal
US	18211	4	5		Demonstrate knowledge of Australia as a visitor destination													Internal
US	3727	8	5		Demonstrate knowledge of Pacific Island countries as visitor destinations													Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries			Service Industries		Social & Community			Creative Industries					
-			-		-			-		-			-					

Please note: Standards may change during the course of the year. The National Certificate in Tourism (Level 2) is currently being reviewed.



NCEA LEVEL 3		TTM3		Te tāpoi Māori - Māori Tourism						Duration: Full								
Entry: None						Cost: There may be a cost for trips.						CREDITS AVAILABLE						
Endorsement: No												INTERNAL		21				
UE: No												EXTERNAL		0				
												TOTAL		21				
Description: Tourism is an important industry in New Zealand. This course is ideal for students who want to gain a basic knowledge of Māori culture and customs and how that knowledge can be used in the tourism sector. It will also help students who already have strong awareness of Māori culture to gain recognition for their knowledge in a tourism setting.																		
U/A	No. Standard	Version	Credits	Lit/ Num	Full title							Pathways				Method of Assessment		
US	17383	6	3		Explain the importance and demonstrate correct pronunciation, of Māori place names in tourism													Internal
US	17384	6	3		List and use a range of te reo Māori greetings and farewells in tourism													Internal
US	17786	6	5		Explain the importance of respecting Māori customs and practices in tourism Māori													Internal
US	17788	6	5		Identify, and explain the history of, natural attractions and significant sites in tourism Māori													Internal
US	17791	6	5		Explain kaitiaki practices in a tourism Māori context													Internal
Construction & Infrastructure			Manufacturing & Technology			Primary Industries			Service Industries			Social & Community			Creative Industries			
-			-			-			-			-			-			

This course could be run as Semester A and/or Semester B. It could be offered to Year 12 and Year 13 students. Standards may change during the course of the year and may not be offered to all students on the course.



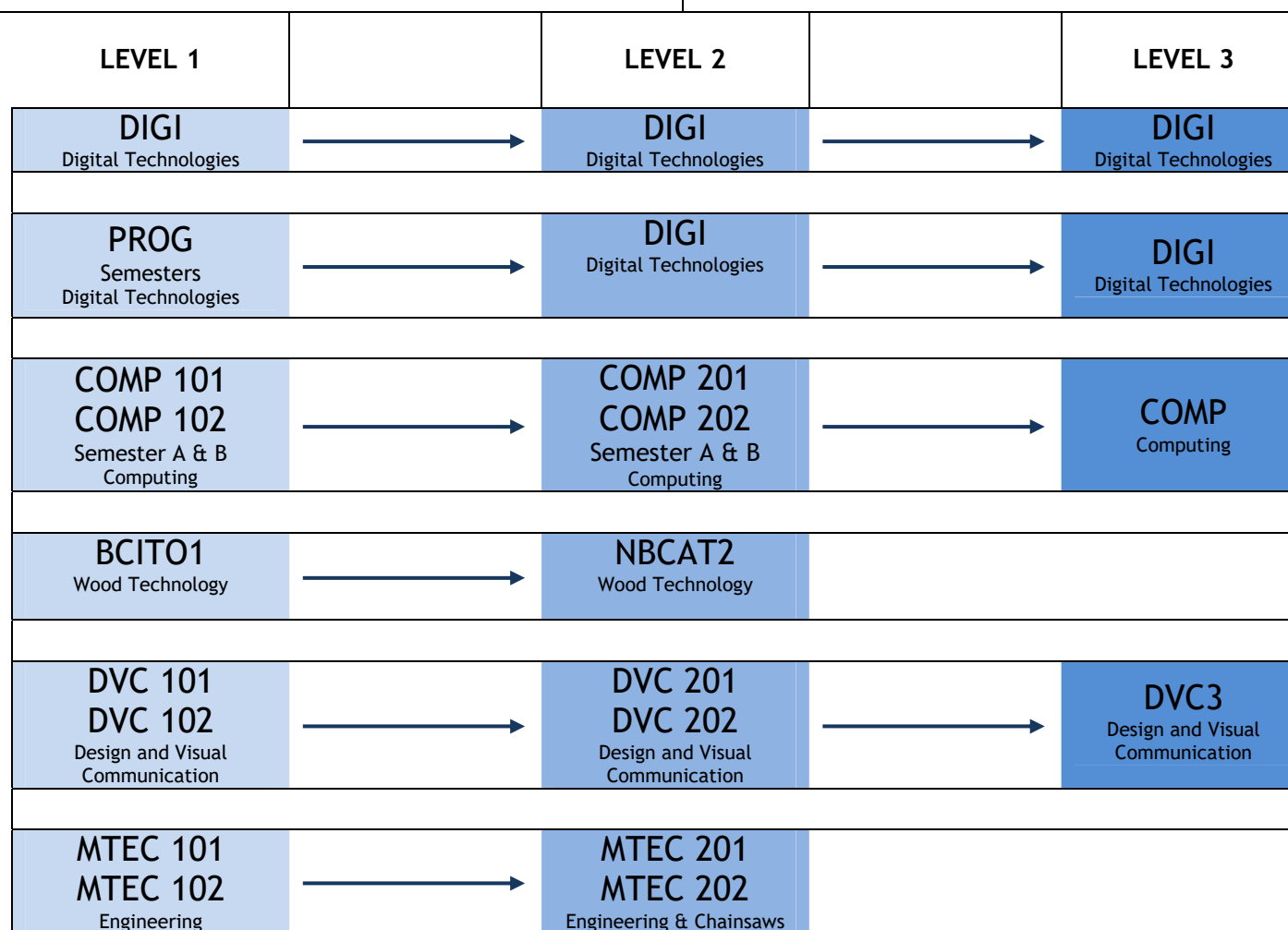
NCEA LEVEL 3			DRAM3		DRAMA										Duration: Semester A or B									
Entry: Open					Cost:										CREDITS AVAILABLE									
Endorsement: No															INTERNAL		9							
															EXTERNAL		0							
UE: No															TOTAL		9							
Description: Drama enables us to put ourselves into different roles and identities that help us to broaden our understanding of other people’s thoughts and perspectives and develop a more empathetic view of the world. In this course students will both study a significant play and participate in a class production.																								
U/A	No. Standard	Version	Credits	Lit/ Num	Full title										Pathways					Method of Assessment				
US	28006	2	6		Research, develop and visually communicate a set design concept for a given work																Internal			
US	28008	2	3		Apply set construction skills to meet a set design concept for a given work																	Internal		
Construction & Infrastructure			Manufacturing & Technology		Primary Industries					Service Industries					Social & Community					Creative Industries				
-			-		-					-					-					-				

*Standards may change during the course of the year and may not be offered to all students on the course

TECHNOLOGY

Computing: Mrs Marilyn Cadle (co HOF)/Miss Katie O'Donnell
Digital Technologies: Miss O'Donnell/Mrs Cadle

Wood Technology/DVC: Mr David Price (co HOF)
Engineering: Mr Peter Ingram



Careers these courses can lead to include: trade apprenticeships, builder, landscape design, computer graphics, webpage design, office administration, computer game designer, 2D and 3D animator, print illustrator, manufacturing, mechanical engineering, construction, electrical, joinery, telecommunications, technician, stage and set lighting and sound, advertising and branding, and many more.



NCEA LEVEL 1		DIGI1		Digitech					Duration: Full						
Entry: Year 9 and/or 10 Digitech					Cost: \$10					CREDITS AVAILABLE					
Endorsement: Yes					UE:					INTERNAL		20			
										EXTERNAL		4			
										TOTAL		24			
Description: This course requires students to undertake technological practice to create “fit for purpose” digital media outcomes. As part of this, students plan, develop, test and evaluate prototypes and measure these against the requirements of a brief. Students also develop skills in using basic html coding (websites), graphic manipulation (Photoshop) and possibly programming language and 3D modelling (Flash/Blender) and use a range of tools and enhancements within the Adobe CS5 and Microsoft 2013 suites of software. Standards marked with an asterisk indicate one or both of these will be chosen depending on the class preferences.															
U/A	No. Standard	Version	Credits	Lit/ Num	Full title					Pathways			Method of Assessment		
AS	91046 (tech 1.3)*	3	6		Create a conceptual design for an outcome										Internal
AS	91047 (Tech 1.4)*	3	6		Undertake development to make a prototype to address a brief										Internal
AS	91048 (tech 1.5)	3	4	Lit	Demonstrate how technological modelling affects decision making										External
AS	91071 (DI 1.41)*	3	4		Implement basic procedures to produce a specified digital information outcome										Internal
AS	91073 (DM 1.43)	3	4		Implement basic procedures to produce a specified digital media outcome										Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries			Service Industries		Social & Community			Creative Industries		
16			24		24			8		4			24		

*Standards may change during the course of the year and may not be offered to all students on the course.



NCEA LEVEL 1		PROG1	Computer Programming				Duration: Semester A or B			
Entry: Preferably Year 10 Computing or Digitech (Semester A / Semester B)						Cost: \$10	CREDITS AVAILABLE			
Endorsement: No							INTERNAL	6-12		
UE:							EXTERNAL			
Description: This course will give an introduction to planning and writing a basic computer program. We will use problem-solving skills to develop an idea for a simple game and use pseudocode to write an algorithm (plan) for this. We will use programming language, (C++, Snap etc.) to write and test the program for our game. This is a chance to learn basic programming skills and make a functioning game. Some students may also attempt the prototyping standard while they are testing their outcome. A good understanding of Maths will be useful.							TOTAL	12*		
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways				Method of Assessment
AS	91075 (1.45)*	4	3		Construct a plan for a basic computer program for a specified task					Internal
AS	91076 (1.46)	4	3		Construct a basic computer program for a specified task					Internal
AS	91047 (Tech 1.4)*	3	6		Undertake development to make a prototype to address a brief					Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries	Service Industries	Social & Community		Creative Industries	
6			12		6	-	-		12	

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 1			COMP101		Computing					Duration: Semester A					
Entry: Open					Cost: \$5 per semester					CREDITS AVAILABLE					
Endorsement: No										INTERNAL		9			
UE: No										EXTERNAL					
										TOTAL		9			
Description: The aim of this course is to provide students with the opportunity to develop skills and knowledge in the use of a range of software applications to manage and present data. Basic concepts of information management - key features of operating systems and application software, computer file management, understanding ethical issues, word-processing, spreadsheets, DTP and web design. This is based on the following Unit Standards, which will be covered in Semester A. The course is split into two separate semesters COMP101 and COMP102. Students can do one or both of the semesters.															
US/ AS	Standar d No	Vers ion	Credits	Lit/ Num	Full title					Pathways			Method of Assessment		
US	18743	4	2		Produce a spreadsheet from instructions using supplied data (Semester A)										Internal
US	5946	7	3		Use computer technology to create and deliver a presentation from given content (Semester A)										Internal
US	2792	7	2		Produce simple desktop published documents using templates (Semester A)										Internal
US	18734	5	2		Create a webpage using a template (Semester A)										Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries			Service Industries		Social & Community			Creative Industries		
-			9		4					2			9		



WAITARA HIGH SCHOOL

Strive and go forward – Kia Kaha ki te ora tonu – Ulterius Tende

NCEA LEVEL 1		COMP102		Computing 102										Duration: Semester B										
Entry: Open		Run as Semester A and Semester B										Cost: \$5 per semester					CREDITS AVAILABLE							
Endorsement: No												INTERNAL					8							
												EXTERNAL												
UE: No												TOTAL					8							
Description: The aim of this course is to provide students with the opportunity to develop skills and knowledge in the use of a range of software applications to manage and present data. Basic concepts of information management - key features of operating systems and application software, computer file management, understanding ethical issues, word-processing, spreadsheets, DTP and web design. This is based on the following Unit Standards, which should be completed in one semester. The course is split into two separate semesters , COMP1A and COMP1B and students can do one or both of these .																								
US/AS	Standard No	Version	Credits	Lit/Num	Full title										Pathways					Method of Assessment				
US	2780	7	3		Demonstrate and apply knowledge of a personal computer system																		Internal	
US	26745	2	3		Produce still images for a range of digital media (Semester B)																		Internal	
US	25659	2	2		Create a webpage using a mark-up language with a text editor (Semester B)																		Internal	
Construction & Infrastructure			Manufacturing & Technology			Primary Industries			Service Industries			Social & Community			Creative Industries									
-			5			3									8									



WAITARA HIGH SCHOOL

Strive and go forward – Kia Kaha ki te ora tonu – Ulterius Tende

NCEA LEVEL 1		BCITO1		BCITO WOOD TECH					Duration: Full					
Entry: Open					Cost: \$50					CREDITS AVAILABLE				
Endorsement: No										INTERNAL		39		
										EXTERNAL				
										TOTAL		39		
UE: No														
Description: This course is designed for students wanting to experience basic building construction skills. It covers interpreting and using plans, specifications and working drawings, and carrying out workshop procedures, including safety. Practical projects include a folding step stool, cabinet with drawer and door, and an outdoor bench seat. If students also undertake DVC standards 91063 and 91068, this course will lead to a Level 1 National Certificate in Building, Construction and Allied Trades Skills.														
U/A	No. Standard	Version	Credits	Lit/ Num	Full title					Pathways			Method of Assessment	
US	25919	1	2		Use hardware and fastenings for a BCATS project, Level 1, 2 credits									Internal
US	25920	1	3		Use joints for a BCATS project, Level 1, 3 credits									Internal
US	24352	1	2		Demonstrate knowledge of and apply safe working practices in the construction of a BCATS project, Level 1, 2 credits									Internal
US	24355	1	4		Demonstrate knowledge of construction and manufacturing materials used in BCATS projects, Level 1, 4 credits									Internal
US	24356	1	8		Apply elementary workshop procedures and processes for BCATS projects, Level 1, 8 credits									Internal
US	25921	1	6		Make a cupboard as a BCATS project, Level 2, 6 credits									Internal
US	12932	3	8		Construct timber garden furniture and items of basic construction equipment as a BCATS project, Level 2, 8 credits									Internal
US	12927	3	6		Identify, select, maintain, and use hand tools for BCATS projects, Level 2, 6 credits									Internal
Construction & Infrastructure 19 Lvl 1- 20 Lvl 2			Manufacturing & Technology -		Primary Industries 19 Lvl 1- 6 Lvl 2		Service Industries -		Social & Community -			Creative Industries -		



NCEA LEVEL 1		DVC101		Design and Visual Communication						Duration: Semester A							
Entry: Open						Cost: Nil						CREDITS AVAILABLE					
Endorsement: No												INTERNAL		9			
												EXTERNAL		3			
												TOTAL		12			
UE: No																	
Description: This is a class where useful applications of design in everyday life and their applications in many career options are taught. It is specifically targeted towards any student who is undertaking a building or engineering course at Levels 1 or 2.																	
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways				Method of Assessment		
AS	91063	4	3		Produce freehand sketches that communicate design ideas												External
AS	91066	3	3		Use rendering techniques to communicate the form of design ideas												Internal
AS	91068	4	6	Lit	Undertake development of design ideas through graphics practice												Internal
-																	
-																	
-																	
-																	
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community			Creative Industries					
-12			-12		-		-		-			-12					

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 1		DVC102		Design and Visual Communication					Duration: Semester B				
Entry: Open					Cost: \$10					CREDITS AVAILABLE			
Endorsement: Yes					UE: No					INTERNAL		7	
										EXTERNAL		6	
										TOTAL		13	
Description: DVC teaches the skills of communicating with graphic design. This is a skill useful in everyday life and has applications in many career options. A broad range of graphic techniques are covered. Students will be working from a design brief, researching information, developing their own ideas, creating prototypes and modelling of components, testing these ideas and evaluating the outcomes. External assessment is by way of formal drawings undertaken during the year. They will produce pictorial drawings, working drawings and a clearly presented design folder of their work. If you are interested in the way people choose and use products and spaces, this would be a good choice for you.													
U/A	Standard	Version	Credits	Lit/ Num	Full title					Pathways			Method of Assessment
AS	91067	4	3		Use the work of an influential designer to inform design ideas								Internal
AS	91069	4	4		Promote an organised body of design work to an audience using visual communication techniques								Internal
AS	91064	4	3	Num	Produce instrumental, multi-view orthographic drawings that communicate technical features of design ideas								External
AS	91065	4	3	Num	Produce instrumental paraline drawings to communicate design ideas								External
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community		Creative Industries		
10			13		-		-		-		13		



NCEA LEVEL 1		MTEC101		Engineering 101				Duration: Semester A or B						
Entry: Open						Cost: Depends on the project constructed by the student.				CREDITS AVAILABLE				
Endorsement: No										INTERNAL		14		
UE:										EXTERNAL				
Description: You will need to design, cost, construct and analyse a project that is relevant to you or your Whanau.										TOTAL		14		
U/A	No. Standard	Version	Credits	Lit/Num	Full title	Pathways								Method of Assessment
US	4433		2		Select, use, and care for simple measuring devices used in engineering									Internal
US	22923		12		Demonstrate basic engineering workshop skills under close supervision									Internal
					(This course is able to be taken either in Semester A or B dependent upon student timetables)									
Construction & Infrastructure			Manufacturing & Technology		Primary Industries	Service Industries		Social & Community		Creative Industries				
12			14		14	-		-		-				

*Standards may change during the course of the year and may not be offered to all students on the course



WAITARA HIGH SCHOOL

Strive and go forward – Kia Kaha ki te ora tonu – Ulterius Tende

NCEA LEVEL 1		MTEC102		Engineering 102					Duration: Semester A or B							
Entry: Open					Cost: Depends on the project constructed by the student.					CREDITS AVAILABLE						
Endorsement: No										INTERNAL		12				
UE:										EXTERNAL						
Description: You will need to design, cost, construct and analyse a project that is relevant to you or your Whanau.										TOTAL		12				
U/A	No. Standard	Version	Credits	Lit/ Num	Full title					Pathways			Method of Assessment			
US	22924		10		Develop a simple product using engineering materials											Internal
US	22926		2		Demonstrate knowledge of safety procedures in a specific engineering workshop											Internal
					This course is able to be taken in either Semester A / B dependent upon students' timetables											
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community		Creative Industries					
12			12		12		-		-		-					

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2		DIGI2		Digitech			Duration: Full			
Entry: Level 1 Digitech						Cost: \$10			CREDITS AVAILABLE	
Endorsement: Yes						INTERNAL		20		
UE:						EXTERNAL		4		
						TOTAL		24		
Description: In Year 12 Digitech, students develop advanced skills in several programs to plan, design and make multi-media outcomes. These could be animations, web-sites, printed material, ebooks, games or computer graphics - based on a general context of educational or instructional activities.										
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways			Method of Assessment	
AS	91367 (2.41)	3	3	Lit	Demonstrate understanding of advanced concepts relating to managing shared information within information systems				External	
AS	91369* (2.42)	3	4	Lit	Demonstrate understanding of advanced concepts of digital media				Internal	
AS	91370 (2.43)	3	4		Implement advanced procedures to produce a specified digital media outcome				Internal	
AS	91356 (2.3)	3	6		Develop a conceptual design for an outcome				Internal	
AS	91357 (2.4)*	3	6		Undertake effective development to make and trial a prototype				Internal	
Construction & Infrastructure 12			Manufacturing & Technology 24		Primary Industries 15	Service Industries 11		Social & Community -	Creative Industries 24	

*Standards may change during the course of the year and may not be offered to all students on the course



WAITARA HIGH SCHOOL

Strive and go forward – Kia Kaha ki te ora tonu – Ulterius Tende

NCEA LEVEL 2		COMP 201		Computing 201					Duration: Semester A						
Entry: L1 Computing/Digitech - course to be run as two Semesters					Cost: \$5 per semester					CREDITS AVAILABLE					
Endorsement: No										INTERNAL		9			
										EXTERNAL					
UE: No										TOTAL		9			
Description: In this course students will build on their basic skills and learn to use a range of software applications to manage and present data. Programs include: Excel, Access, Word, Publisher, Powerpoint and Notepad C++ to code a basic website. Students can do one or both semesters but Semester B should be done if Level 3 Computing is a possibility next year.															
U/A	No. Standard	Version	Credits	Lit/ Num	Full title					Pathways			Method of Assessment		
US	2784	7	3		Create and use a computer spreadsheet to solve a problem										Internal
US	2786	7	3		Create and use a computer database to solve a problem										Internal
US	2791	8	3		Integrate spreadsheet and database data into word processed documents to meet a set brief										Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries			Service Industries		Social & Community			Creative Industries		
9			9		3			3		3			9		

*Standards may change during the course of the year and may not be offered to all students on the course



WAITARA HIGH SCHOOL

Strive and go forward – Kia Kaha ki te ora tonu – Ulterius Tende

NCEA LEVEL 2		COMP202	Computing 202				Duration: Semester B			
Entry: L1 Computing/Digitech					Cost: \$5 per semester				CREDITS AVAILABLE	
Endorsement: No									INTERNAL	11
UE: No									EXTERNAL	
Description: In this course students will build on their basic skills and learn to use a range of software applications to manage and present data. Programs include: Word, Publisher, Powerpoint and Notepad C++ (to code a basic website). Students can do one or both L2 Comp semesters but Semester B should be done if Level 3 Computing is a possibility next year.									TOTAL	11
U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways				Method of Assessment
US	2788	8	5		Produce desktop published documents to meet a set brief					Internal
US	25656	3	3		Create a website using a mark-up language to meet a set brief					Internal
US	5940	8	3		Produce a presentation using a desktop presentation computer application					Internal
Construction & Infrastructure		Manufacturing & Technology		Primary Industries		Service Industries		Social & Community		Creative Industries
8		11								11

*Standards may change during the course of the year and may not be offered to all students on the course



WAITARA HIGH SCHOOL

Strive and go forward – Kia Kaha ki te ora tonu – Ulterius Tende

NCEA LEVEL 2 NCBCAT2 National Certificate in Building Construction and Allied Trades Duration: 2 LINE : 4 BLOCKS

Entry: Open

Cost: \$50

CREDITS AVAILABLE

Endorsement: No

INTERNAL	42
EXTERNAL	
TOTAL	42

UE: No

Description: This course is designed for students who have a good level of craftsmanship and an ability or desire to work independently to produce quality items of indoor and outdoor furniture. It covers: implementing advance procedures to make specific items of outdoor furniture; applying a basic level of project planning and management; constructing projects such as a folding BBQ table, folding step stool and cabinet with drawer and door.

U/A	No. Standard	Version	Credits	Lit/ Num	Full title	Pathways	Method of Assessment
US	24354	1	4		Demonstrate knowledge of and apply safe working practices in a BCATS work place		Internal
US	24357	1	4		Receive instructions and communicate information in relation to BCATS projects		Internal
US	24358	1	2		Plan and monitor the construction of a BCATS project, and quality check the product		Internal
US	12927	3	6		Identify, select, maintain and use hand tools for BCATS projects		Internal
US	24350	1	6		Identify, select, maintain, and use portable power tools for BCATS projects		Internal
US	25319	1	2		Demonstrate knowledge of the carpentry industry within a BCATS environment		Internal
US	25921	1	6		Make a cupboard as a BCATS project		Internal
US	12933	3	4		Complete minor concrete works as a BCATS project		Internal
US	12932	3	8		Construct timber garden furniture and items of basic construction equipment as a BCATS project		Internal

Construction & Infrastructure - 42	Manufacturing & Technology	Primary Industries - 16	Service Industries	Social & Community	Creative Industries
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NCEA LEVEL 2		DVC201		Design and Visual Communication						Duration: Semester A							
Entry: Open						Cost: Nil						CREDITS AVAILABLE					
Endorsement: No												INTERNAL		10			
												EXTERNAL		4			
												TOTAL		14			
UE: No																	
Description: This is a class where useful applications of design in everyday life and in careers are taught. It is specifically targeted towards any student who is undertaking a building or engineering course at Level 2.																	
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways				Method of Assessment		
AS	91342	3	6		Develop a product design through graphics practice												Internal
AS	91343	3	4		Use visual communication techniques to compose a presentation of a design												Internal
AS	91338	3	4		Produce working drawings to communicate technical details of a design												External
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community		Creative Industries						
-14			-14		-4		-		-		-						

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2		DVC202		Design and Visual Communication						Duration: Semester B						
Entry: Studies at L1 and L2						Cost: \$10						CREDITS AVAILABLE				
Endorsement: Yes												INTERNAL		9		
												EXTERNAL		6		
												TOTAL		15		
UE: Yes																
Description: This course is structured around spatial and product design briefs where students, through drawings, create, develop and express their own design ideas. Students who like problem solving, being creative and developing drawing skills would enjoy this subject. If you are interested in the way people choose and use products and spaces, this would be a good choice for you.																
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways				Method of Assessment	
AS	91340	3	3	Lit	Use the characteristics of a design movement or era to inform own design ideas											Internal
AS	91341	3	6	Lit	Develop a spatial design through graphics practice											Internal
AS	91337	3	3		Use visual communication techniques to generate design ideas											External
AS	91339	3	3		Produce instrumental perspective projection drawings to communicate design ideas											External
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community			Creative Industries				
15			12		3		3		-			15				

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 2		MTEC201		Engineering 201				Duration: Semester A or B							
Entry: Open						Cost: Depends on the project constructed by the student.				CREDITS AVAILABLE					
Endorsement: No										INTERNAL		17			
										EXTERNAL					
										TOTAL		17			
Description: You will need to design, cost, construct and analyse a project that is relevant to you or your Whanau.															
U/A	No. Standard	Version	Credits	Lit/ Num	Full title					Pathways			Method of Assessment		
US	2387		2		Assemble mechanical components under supervision										Internal
US	2395		4		Select, use, and care for, engineering hand tools										Internal
US	2396		4		Select, use and maintain portable hand held engineering power tools										Internal
US	4435		3		Select, use, and care for engineering dimensional measuring equipment										Internal
US	4436		4		Select, use, and care for engineering marking-out equipment										Internal
					(This course is able to be taken either in Semester A or B dependent upon student timetables)										
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community		Creative Industries				
			17		7		-		-		-				

*Standards may change during the course of the year and may not be offered to all students on the course



WAITARA HIGH SCHOOL

Strive and go forward – Kia Kaha ki te ora tonu – Ulterius Tende

NCEA LEVEL 2		MTEC202		Engineering 202						Duration: Semester A or B							
Entry: Open						Cost: Depends on cost of Chainsaw assessments						CREDITS AVAILABLE					
Endorsement: No												INTERNAL		15			
												EXTERNAL					
												TOTAL		15			
Description: This will gain you qualifications in safety, safety on worksites, and the maintenance and safe use of chainsaws.																	
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways				Method of Assessment		
US	6917		8		Demonstrate basic chainsaw operation												Internal
US	21911		2		Demonstrate knowledge of safety on engineering worksites												Internal
US	6916		5		Demonstrate knowledge of the Approved Code of Practice relating to chainsaw use												Internal
					(This course is able to be taken either in Semester A or B dependent upon student timetables)												
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community		Creative Industries						
5			2		15		-		-		-						

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 3		DIGI3		Digitech				Duration: Full			
Entry: L2 Digitech						Cost: \$10				CREDITS AVAILABLE	
Endorsement: Yes						INTERNAL		20			
						EXTERNAL		4			
						TOTAL		24			
UE: Yes (UE reading and writing is available from 3.40)											
Description: This is a full-year course where you learn how to use complex tools in different media applications to design and produce outcomes for specific purposes. The major assessment is a project based on “Showcase your Community” and could result in anything from a printed outcome, animation, web-site, game or computer graphic using at least two different programs. Depending on the class, some of the standards may be left out or changed during the year.											
U/A	No. Standard	Version	Credits	Lit/ Num	Full title				Pathways		Method of Assessment
AS	91632 (3.40)	2	4	Lit	Demonstrate understanding of complex concepts of information systems in an organisation				<div></div>	<div></div>	External
AS	91634 (3.42)	2	4	Lit	Demonstrate understanding of complex concepts of digital media				<div></div>	<div></div>	Internal
AS	91635 (3.43)	2	4	Lit	Implement complex procedures to produce a specified digital media outcome,				<div></div>	<div></div>	Internal
AS	91610* (3.3)	2	6	Lit	Develop a conceptual design considering fitness for purpose in the broadest sense				<div></div>	<div></div>	Internal
AS	91611* (3.4)	2	6	Lit	Develop a prototype considering fitness for purpose in the broadest sense				<div></div>	<div></div>	Internal
Construction & Infrastructure 12			Manufacturing & Technology 24		Primary Industries 16		Service Industries 12		Social & Community -		Creative Industries 20

*Standards may change during the course of the year.



NCEA LEVEL 3		COMP3		Computing				Duration: Full								
Entry: Level 2 Computing or Digitech preferred				Cost: \$10				CREDITS AVAILABLE								
Endorsement: No								INTERNAL			21					
								EXTERNAL								
UE: No								TOTAL			21					
Description: The Level 3 Computing course will offer a range of Unit Standards which build towards the National Certificate in Computing Level 3. The current Unit Standards are under review and new ones will be released after consultation. This may change the structure of the course but it should still offer at least 15 credits over the whole year. At present, they do not appear on the Vocational Pathways profile builder but when they are finalised, this information will be available.																
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways			Method of Assessment		
US	2789	7	6		Produce desktop published documents for organisation use											Internal
US	25661	2	3		Design and assemble an interactive media product without scripting											Internal
US	25657	2	6		Create a website for a stakeholder using a mark-up language											Internal
US	18741*	5	6		Create a computer program to provide a solution											Internal
US	2785*	8	5		Create a computer spreadsheet to provide a solution for organisation use											Internal
Construction & Infrastructure			Manufacturing & Technology			Primary Industries		Service Industries		Social & Community			Creative Industries			
-			-			-		-		-			-			

*Standards may change during the course of the year.



NCEA LEVEL 3		DVC3		Design and Visual Communication					Duration: Full										
Entry: DVC studies at Level 2					Cost:Nil					CREDITS AVAILABLE									
Endorsement: Yes										INTERNAL		18							
										EXTERNAL		10							
UE: Yes										TOTAL		28							
Description: This course is structured around spatial and product design briefs where students, through drawings, create, develop and express their own design ideas. Students who like problem solving, being creative and developing drawing skills would enjoy this subject. If you are interested in the way people choose and use products and spaces, this would be a good choice for you.																			
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways			Method of Assessment					
AS	91627	2	4		Initiate design ideas through exploration						<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	External			
AS	91628	2	6		Develop a visual presentation that exhibits a design outcome to an audience						<div></div>	<div></div>	<div></div>			<div></div>	Internal		
AS	91629	2	6		Resolve a spatial design through graphics practice						<div></div>	<div></div>				<div></div>	Internal		
AS	91630	2	6		Resolve a product design through graphics practice						<div></div>	<div></div>				<div></div>	Internal		
AS	91631	2	6		Produce working drawings to communicate production details for a complex design						<div></div>	<div></div>	<div></div>			<div></div>	External		
											<div></div>	<div></div>	<div></div>			<div></div>			
											<div></div>	<div></div>	<div></div>			<div></div>			
Construction & Infrastructure			Manufacturing & Technology		Primary Industries			Service Industries		Social & Community			Creative Industries						
28			28		16			4		-			28						

*Standards may change during the course of the year and may not be offered to all students on the course

TE REO MAORI

HOF: Mr Reece Harrison



Careers these courses can lead to include a range of occupations from all six Vocational Pathways sectors. Examples are: education, performance, tourism, social work, health, community care, politics, diplomacy, journalism and media, creative arts, catering, youth work, law, fisheries, sustainability projects, council work, archaeology, research, kapa haka performer and/or tutor, and many more.



WAITARA HIGH SCHOOL

Strive and go forward – Kia Kaha ki te ora tonu – Ulterius Tende

NCEA LEVEL 1		TR1	Te Reo Maori				Duration: Full									
Entry: Open					Cost:					CREDITS AVAILABLE						
Endorsement: Yes										INTERNAL		18				
UE: Yes										EXTERNAL		12				
Description: This course is an extension of what students learnt in Years 9 and 10 and will set them on their NCEA pathway.										TOTAL		30 offered				
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways		Method of Assessment			
AS	91085		6		Whakarongo kia whai māramatanga i te reo o tōna ao mōhio-ata whakarongo mai											Internal
AS	90186		6		Whakaputa korero i te reo o tōna ao mōhio- He whakaputa korero											Internal
AS	90187		6		Pānui kia whai māmaratanga i te reo o tōna ao mōhio											External
AS	90188		6		Tuhi korero i te reo o tona ao mōhio											External
AS	90189		6		Waihunga tuhinga i te reo o tōna ao mōhio											Internal
					Standards will be selected according to the individual student’s learning pathway. On average, students will complete two Internal standards and one External standard. Individual students will gain, on average, a total of 18 NCEA credits which are University Approved (Achievement Standards).											
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community		Creative Industries					
-			-		30		30		30		30					

*Standards may change during the course of the year and may not be offered to all students on the course



WAITARA HIGH SCHOOL

Strive and go forward – Kia Kaha ki te ora tonu – Ulterius Tende

NCEA LEVEL 2		TR2		Te Reo Māori					Duration: Full							
Entry: Open					Cost:					CREDITS AVAILABLE						
Endorsement: Yes										INTERNAL		16				
UE: Yes										EXTERNAL		12				
Description: This course is an extension of what students learnt in Year 11. It will maintain their NCEA pathway to aid in achieving credits in Te Reo Maori toward their University Entrance.										TOTAL		28 Offered				
U/A	No. Standard	Version	Credits	Lit/ Num	Full title					Pathways			Method of Assessment			
AS	91284		4		Whakarongo kia mōhio ki te reo o te ao torotoro-Ata Whakarongo mai.											Internal
AS	91285		6		Korero kia whakamahi i te reo o te ao torotoro-Naku te kaupapa.											Internal
AS	91288		6		Waihanga tuhinga auaha i te reo o te ao torotoro-koi te hinengaro											Internal
AS	91286		6		Pānui kia mōhio ki te reo o te ao torotoro											External
AS	91287		6		Tuhi i te reo o te ao torotoro											External
					Standards will be selected according to an individual student’s learning pathway. On average, students will complete two Internal standards and one External standard. Individual students will gain, on average, a total of 16 NCEA credits which are University Approved (Achievement Standards).											
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community			Creative Industries				
-			-		28		28		28			28				

*Standards may change during the course of the year and may not be offered to all students on the course



WAITARA HIGH SCHOOL

Strive and go forward – Kia Kaha ki te ora tonu – Ulterius Tende

NCEA 2		MPA2		Māori Performing Arts					Duration: Full						
Entry: Open					Cost:					CREDITS AVAILABLE					
Endorsement: No										INTERNAL		31			
UE:										EXTERNAL		0			
										TOTAL		31 Offered			
Description: Students will learn and perform a bracket which will be recorded and moderated for achieving performing arts assessments.															
U/A	No. Standard	Version	Credits	Lit/ Num	Full title					Pathways			Method of Assessment		
US	13359	4	6		Demonstrate knowledge and skills of Mōteatea										Internal
US	13363	4	6		Demonstrate knowledge and skills of Waiata-a-ringā										Internal
US	13367	4	7		Demonstrate knowledge and skills of Poi										Internal
US	13371	5	6		Demonstrate knowledge and skills of Haka										Internal
US	27698	1	6		Demonstrate knowledge and skills of Haka wahine										Internal
					Standards will be selected according to the individual student’s learning pathway. On average, students will complete three Internal standards and will gain, on average, a total of 18 credits.										
					This course may also incorporate Level 2 Mau Rakau / Taiaha skills and standards, depending on the students’ interest and abilities.										
Construction & Infrastructure			Manufacturing & Technology		Primary Industries		Service Industries		Social & Community			Creative Industries			
-			-		-		25		-			31			

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA LEVEL 3			TR3		Te Reo Māori				Duration: Full								
Entry: Open					Cost:					CREDITS AVAILABLE							
Endorsement: Yes										INTERNAL			16				
UE: Yes										EXTERNAL			12				
Description: This course is an extension of what students learnt in Year 12 and will maintain their NCEA pathway to aid in achieving credits in Te Reo Maori toward University Entrance.										TOTAL			28 Offered				
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways				Method of Assessment		
AS	91650		4		Whakarongo kia mōhio ki te reo Māori o te ao whānui-Whakarongo mai												Internal
AS	91651		6		Kōrero Kia whakamahi i te reo Māori o te ao whānui- He taumata korero												Internal
AS	91652		6		Pānui kia mōhio ki te reo Māori o te ao whānui												External
AS	91653		6		Tuhi i te reo Māori o te ao whānui												External
AS	91654		6		Waihunga tuhinga whai take i te reo Māori o te ao whānui-whakapuaki whakaaro												Internal
					Standards will be selected according to the individual student’s learning pathway. On average, students will complete two Internal standards and one External standard. Individual students will gain, on average, a total of 16 NCEA credits which are University Approved (Achievement Standards).												
Construction & Infrastructure			Manufacturing & Technology		Primary Industries			Service Industries			Social & Community			Creative Industries			
-			-		-			-			-			-			

*Standards may change during the course of the year and may not be offered to all students on the course



NCEA L3		MPA3		Te Reo Māori Performing Arts						Duration: Full							
Entry: Open						Cost:						CREDITS AVAILABLE					
Endorsement: No						UE:						INTERNAL			28		
												EXTERNAL					
												TOTAL			28		
Description: Students will learn and perform a bracket which will be recorded and moderated for achieving performing arts assessments.																	
U/A	No. Standard	Version	Credits	Lit/ Num	Full title						Pathways				Method of Assessment		
US	22756	2	10		Perform a Māori preforming arts bracket												Internal
US	27548		8		Perform tetahi momo rakau whawhai												Internal
US	27549		10		Demonstrate knowledge of te taki												Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries			Service Industries			Social & Community			Creative Industries			
-			-		-			-			-			-			

*Standards may change during the course of the year and may not be offered to all students on the course

VLN: Accounting Economics Physics (L3)	
E-learning Co-ordinator: Mrs Marilyn Cadle	All three of these subjects are University Approved subjects

Accounting (Levels 1, 2 and 3), Economics (Levels 1, 2 and 3) and Physics (Level 3) may be available through the VLN (Virtual Learning Network) to selected students - after consultation with parents.

The VLN runs courses for students at different schools who are not able to take the subject at their own school. Lessons are studied via video-conference facilities at WHS and resources are put on-line for students to work on. The face to face lesson once or twice a week gives students an opportunity to get to know their teacher, to ask questions and to discuss the lessons with other students in the class - a nationwide learning network.

Attendance is monitored and our E-learning Co-ordinator is kept up to date with the progress of students and is a point of contact for any issues.

The VLN lesson does not always occur when the student is timetabled for the subject, i.e. they may have to miss part of a regular class for the VLN lesson. Students who choose to study subjects by VLN must be self-motivated, independent learners who are able to work on their own and keep up with the workload of their other subjects. Students must also be able to communicate in a variety of means, such as online, email, etc.

Students electing to choose VLN subjects will have these enrolments confirmed early in 2017.

Gateway / Secondary Tertiary Pathways (STP)

Teacher: Ms Jan Steenson

Gateway is an innovative and exciting but structured opportunity for Year 12 or 13 students to complete school and Industry qualifications at the same time. The programme consists of classroom work combined with regular and sustained work experience with an employer. Initial classroom work includes the completion of basic Unit Standards to help prepare students for the workplace (CV writing, health & safety, customer service, First Aid, communication, etc.). Individual learning plans take into account the student's preferred career and their current achievements. Some credits contribute towards industry-specific National Certificates alongside the relevant NCEA qualification they are seeking.

Students wishing to be considered for the Gateway programme need to have a specific career focus, reliable attendance, a work-ready attitude, and be able to work independently. This course is designed to give students actual workplace experience, to help them gain references and referees, and to assist them to transition into the workplace. Students spend one day a week with an employer. Class time is used to work on the bookwork involved in the programme and to help students keep up because of time lost in other school subjects.

Secondary Tertiary Pathways courses involve students being enrolled with an outside provider (WITT, Taratahi, etc.) for one or more days a week, while the rest of their week is spent at school in other subjects of their choice. The STP courses lead to industry-specific qualifications as well as NCEA. Courses available include the following:

Taranaki Trades Academy programmes consist of one-day a week with an outside provider and the other four days at school (in some cases students can also undertake a work-experience placement on another day). Taranaki Trades Academy courses are held at WITT and include trades like Automotive, Beauty & Make-Up Artistry, Electrical, and Hairdressing.

3 + 2 programmes are designed for Year 13 students who have NCEA Level 2, want to complete their final year of high school but do not plan to attend university. These courses will allow a student to complete a Level 3 industry-specific qualification, with credits earned also contributing to NCEA Level 3. Students will be enrolled with an outside provider for two days of the week, and with the school for the other three days (hence the name, 3 + 2). Courses available include Fashion Make-Up Artistry, Fitness (Exercise Consultant), Food & Beverage Service, Early Childhood Education & Care, Equine, Apiculture and Agriculture.

Students wanting to further explore these options should speak with Ms Steenson. There is a selection process for all of them, including interviews with representatives of the programme providers.

NATIONAL CERT. IN EARLY CHILDHOOD EDUCATION & CARE

Teacher: Ms Gilly Osmond



Careers these courses can lead to include: nanny, child carer and, with UE Entrance and/or further tertiary education, teacher aide, early childhood teacher.



NCEA LEVEL 2/3		12ECEC		Early Childhood Education and Care: Year 1					Duration: Full						
Entry: Starting Year 11 or Year 12 (can be completed in two or three years, i.e. nine standards over two years or six standards over three years).					Cost: \$20					CREDITS AVAILABLE					
Endorsement: No										INTERNAL		24			
										EXTERNAL					
UE: No										TOTAL		24			
Description: The National Certificate in Early Childhood Education and Care (Level 3) recognises basic introductory skills and knowledge involved in the education and care of infants, toddlers, and young children that are required to go onto further study in the education and care of infants and young children.															
U/A	No. Standard	Version	Credits	Lit/ Num	Full title					Pathways			Method of Assessment		
US	10021	4	3		Describe the basic needs of children in an ECE service										Internal
US	10022	4	3		Demonstrate knowledge of attachment patterns and short-term separation in an ECE service										Internal
US	10023	4	2		Describe transition situations in ECE services										Internal
US	10024	4	3		Demonstrate knowledge of promoting the health and wellbeing of children in ECE services										Internal
US	10020	4	2		Describe personal and environmental hygiene and safety practices in an ECE service										Internal
US	26712	2	4		Demonstrate knowledge of, and apply, age-related nutrition needs in providing food for a child in an ECE service										Internal
US	26715	2	3		Describe professional image and demonstrate professional behaviours required of early childhood educators										Internal
US	10032	4	2		Demonstrate knowledge of ethics in ECE services										Internal
US	10013	4	2 L3		Explain the purpose, philosophy, structure, and relevance of the New Zealand Early Childhood Curriculum, Te Whāriki										Internal
Construction & Infrastructure			Manufacturing & Technology		Primary Industries			Service Industries			Social & Community: 24			Creative Industries	



NCEA LEVEL 3					12CECE	Early Childhood Education and Care Year 2 (or 3)					Duration: Full					
Entry: Starting Year 11 or Year 12 (all students need to complete the Level 2 standards first)					Cost: \$20					CREDITS AVAILABLE						
Endorsement: No										INTERNAL		39				
UE: No										EXTERNAL						
										TOTAL		39				
Description: The National Certificate in Early Childhood Education and Care (Level 3) recognises basic introductory skills and knowledge involved in the education and care of infants, toddlers, and young children that are required to go onto further study in Early Childhood.																
U/A	No. Standard	Version	Credits	Lit/ Num	Full title					Pathways				Method of Assessment		
US	10019	4	4		Describe and contribute to safe practices and a safe environment for children in an ECE service											
US	10026	4	5		Demonstrate knowledge of child development and learning and its relevance to ECE services											
US	20406	3	4		Demonstrate knowledge of, and apply, effective communication with diverse whānau/families in ECE services											
US	20407	3	4		Demonstrate knowledge of cultural diversity in ECE services											
US	26707	2	6		Describe the value of play and create resources for children's development and learning in an ECE service											
US	26708	2	5		Develop reciprocal and responsive relationships with children in an ECE service											
US	26709	2	3		Conduct an observation of a child in an ECE service											
US	27145	2	4		Develop, implement, and evaluate a learning plan for a child or children in an ECE service											
US	27146	2	4		Demonstrate knowledge of organisations relevant to ECE services in Aotearoa/New Zealand											
Construction & Infrastructure			Manufacturing & Technology			Primary Industries			Service Industries			Social & Community: 39			Creative Industries	