

ŌTĀHUHU COLLEGE



Senior Option Booklet 2026



Ōtāhuhu College Option Selection Instructions

All Student Options will be selected via the Otahuhu College Kamar Portal.

To select your Options for next year:

1. Log in to our school website <https://www.otahuhucollege.school.nz/>

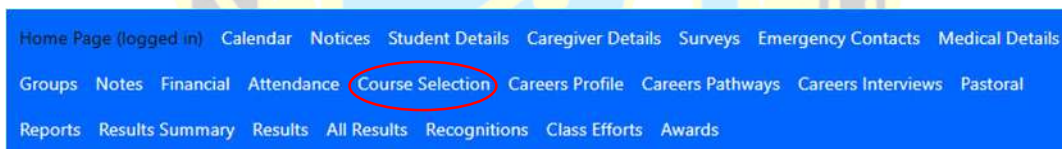


2. Click on the  icon on the top of the page.

3. Click on Login and enter your Username (First.LastName) and Password and then click on 'Login':



4. Choose 'Course Selection' from the menu bar:



5. 'Click' on each subject to read the course outline.

Make sure you understand:

- a. The 'entry requirements' in any of the subjects you may be interested in.
- b. The 'pathways' available to you as you move through each Level of NCEA.

Talking to your family, subject teachers, Deans and our school Careers Advisors will also help with your selections.

6. Follow the on screen instructions and remember to click 'Save' when you have finished your Subject selection.

If you have any difficulties with your Option selections, see your Dean for assistance.

CONTENTS

Qualifications and Awards: How NCEA works	4
Recognising High Achievement	5
Level 1 Literacy and Numeracy Requirement	5
Scholarship	5
University Entrance	6
Coding Used in Course Descriptors	6
Approved Subject List	6
Entry to University for Limited Entry Courses	7
Visual Arts and Performing Arts (Art, Dance, Drama, Music)	8
Commerce & Vocational (Accounting, Business Studies, Tourism)	16
English	19
Pacific Languages (Tongan, Samoan, French)	24
Te Reo Māori	28
Mathematics	30
Physical Education & Health	33
Science (Biology, Chemistry, Physics)	36
Social Science (Geography, History, Religious Studies)	40
Technology (Food, Multi Materials, Production Design)	44
Digital Technology	49
<i>2026 Standards with UE Literacy Credits</i>	52

QUALIFICATIONS AND AWARDS

NCEA: National Certificate of Educational Achievement

HOW NCEA WORKS

The National Certificate of Educational Achievement (NCEA) is the main national qualification for secondary school students in New Zealand. Standards that secondary school students achieve as part of NCEA can be used as building blocks for other qualifications.

NCEA is recognised by employers and is used for selection by universities and polytechnics, both in New Zealand and overseas.

- ☐ Each year, students study a number of courses or subjects. In each course, skills and knowledge are assessed against a number of standards.
- ☐ Schools use a range of internal and external assessments to measure how well students meet these standards. There are two types of standards, Achievement Standards, and Unit Standards.
- ☐ Unit standards (US) are internally assessed at school by teachers or in industry settings.
Students either get:
 - Achieved (A) if they achieve the required standard, or
 - Not Achieved (NA) if they do not achieve the required standard.
- ☐ Achievement Standards (AS) can be internally assessed at school by teachers or externally assessed at the end of the year through exams or portfolios of work marked by NZQA.
Commonly, students will be assessed using both internal and external assessment.
For achievement standards, students can get:
 - Excellence (E) for outstanding performance,
 - Merit (M) for very good performance,
 - Achieved (A) for a satisfactory performance, or
 - Not Achieved (NA) grade if they do not meet the standard.
- ☐ 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. Credits required for a certificate:

Ōtāhuhu College students work towards the following Qualifications at each Year Level:

1. Year 11 (Level 1)

The purpose of Year 11 is to provide students with the depth of understanding and the skills to successfully cope with Level 2 and 3 in the following years.
Subjects may offer one or two Level 2 standards.

- **Passing Year 11:**
 - ✓ Literacy (10 credits) and Numeracy (10 credits) co-requisites
 - ✓ 80% half day present or more
 - ✓ Engagement grade average of 3 or more
 - ✓ Participation in extra-curricular activities
- **Year 11 with Distinction**
 - ✓ Literacy (10 credits) and Numeracy (10 credits)
 - ✓ 90% half day present or more
 - ✓ Engagement grade average of 4 or more
 - ✓ Participation in extra-curricular activities
 - ✓ Merit and Excellence Level pass in all subjects

2. Year 12 (Level 2)

- ✓ 60 credits from Level 2 or above
- ✓ + Literacy and Numeracy co-requisites

3. Year 13 University Entrance (Level 3/UE)

- ✓ 60 credits from Level 3 or above
- ✓ This must include 14 credits in EACH of THREE APPROVED subjects*
- ✓ L1 Literacy and Numeracy co-requisites
- ✓ UE Literacy

RECOGNISING HIGH ACHIEVEMENT

Certificate Endorsement:

Certificates can be 'endorsed' to reflect high achievement in a significant number of standards.

Students will gain a Certificate Endorsement if they gain:

- ☐ 50 credits at Excellence = NCEA with Excellence.
- ☐ 50 credits at Merit (or Merit and Excellence) = NCEA with Merit.

Credits earned can count towards an endorsement over more than one year and more than one level. However, they must be gained at the level of the certificate or above.

Course Endorsement:

Course endorsements were introduced in 2011. A course endorsement provides recognition for a student who has performed exceptionally well in an individual course. The key objective of a course endorsement is to motivate students to achieve their potential in one or more courses.

NOTE: *At Ōtāhuhu College a course endorsement will only be available for Level 2 and Level 3 NCEA.*

Students will gain an endorsement for a course if, in a single school year, they achieve:

- ☐ 14 or more credits at Excellence = EXCELLENCE Endorsement
- ☐ 14 or more credits at Merit (or Merit and Excellence) = MERIT Endorsement
- ☐ 14 or more credits at Achieved = ACHIEVED Endorsement

To be eligible for Course Endorsement, at least 3 of these credits must come from externally assessed standards and at least 3 credits from internally assessed standards (Physical Education, Religious Studies and Level 3 Visual Arts are exempt from needing 3 credits to be externally assessed).

Awards with endorsements will be shown on a student's Record of Achievement.

LITERACY AND NUMERACY REQUIREMENTS

Learners will be able to meet the 20-credit co-requisite through achieving either the new standards in Literacy-Writing, Literacy-Reading, Numeracy, Te Reo Matatini, and Pāngarau or gaining 20 credits from a small list of literacy and numeracy-rich standards. To be awarded any level of NCEA, learners will need to achieve the new 20-credit co-requisite.

UE LITERACY REQUIREMENTS

To meet the University Entrance literacy requirements learners must achieve 10 credits (5 credits in reading (R) and 5 credits in writing (W)). For standards that meet both reading and writing requirements (B) it is possible to split the credits to fulfil the literacy requirement. ***A list of assessment standards that are taught either currently or previously at Otāhuhu College are listed at the back of this booklet.**

SCHOLARSHIP

Scholarship is externally assessed and is designed to extend very able students in their last year of schooling. It provides successful candidates with financial assistance for tertiary study. Scholarship candidates are expected to demonstrate high-level critical thinking, abstraction, and generalisation, and to integrate, synthesise and apply knowledge, skills, understanding and ideas to complex situations. Scholarship exams/reports enable candidates to be assessed against challenging standards and are demanding for the most able candidates in each subject. Assessment for Scholarship is held externally at the end of each school year. Generally, Scholarship assessments

are undertaken by Year 13 students, most of who are also studying towards NCEA Level 3. Each Scholarship assessment carries two passing grades – Scholarship (S) and Outstanding Scholarship (O). Candidates are sent their Scholarship result notices by NZQA before 1 March in the year following assessment. More information about NCEA is available on www.nzqa.govt.nz

UNIVERSITY ENTRANCE AWARD

University Entrance is the highest Qualification you can gain at Otahuhu College. Entrance to university is gained by achieving a set number of National Qualifications Framework credits at Level 3, plus meeting some literacy and numeracy requirements. This entitles school leavers to attend university in New Zealand. To qualify students, need all of:

- ☐ NCEA Level 3
- ☐ Three subjects – at Level 3 or above, made up of:
 - ☐ 14 credits each, in three approved subjects (refer to the list of Approved Subjects*)
- ☐ Literacy – 10 credits at Level 2 or above (refer to selected standards/subjects*) made up of:
 - ☐ 5 credits in reading (R)
 - ☐ 5 credits in writing (W)
- ☐ Numeracy – 10 credits at Level 1 or above

Summary of University Entrance requirements

NCEA LEVEL 3:	60 credits Level 3 This must include 14 credits in EACH of THREE APPROVED subjects*
NUMERACY:	10 Numeracy credits at Level 1 or higher
LITERACY:	5 credits at Level 2 or above in Reading (*selected standards/subjects) 5 credits at Level 2 or above in Writing (*selected standards/subjects)

NOTE: A list of standards offered with UE Literacy Credits can be found at the back of this booklet.

CODING USED IN THE COURSE DESCRIPTORS

L	= Counts towards Level 1 Literacy Requirements
N	= Counts towards Level 1 Numeracy Requirements
R	= Counts towards University Entrance Reading Literacy Requirements
W	= Counts towards University Entrance Writing Literacy Requirements

*Approved subjects:

The list of approved subjects for entrance to university offered at Otahuhu College are:

Biology	Geography	Production Design
Business Studies	Health	Religious Studies
Calculus	History	Samoan
Chemistry	Food Technology	Science
Dance	Mathematics	Te Reo Māori
Digital Technologies	Music	Tongan
Drama	Physical Education	Visual Arts
Economics	Physics	Whakairo
English	Multi Materials Technology	

THREE subjects used for the University Entrance qualification must be from this list.

Further information on University Entrance, including the list of Approved Subjects can be accessed on: <http://www.nzqa.govt.nz/qualifications-standards/awards/university-entrance/>

ENTRY TO UNIVERSITY

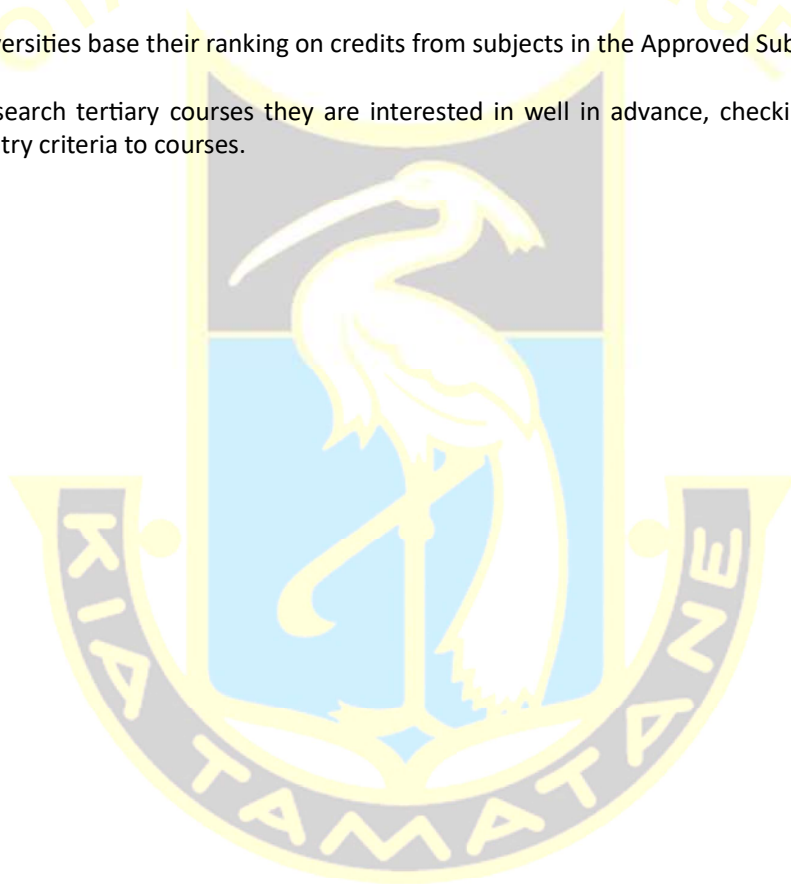
Entry to University courses with limited numbers of places for students

Admission requirements for university courses are reviewed and updated annually. While University Entrance is a minimum requirement to apply for an undergraduate bachelor's degree, the majority of courses have higher and specific entry requirements.

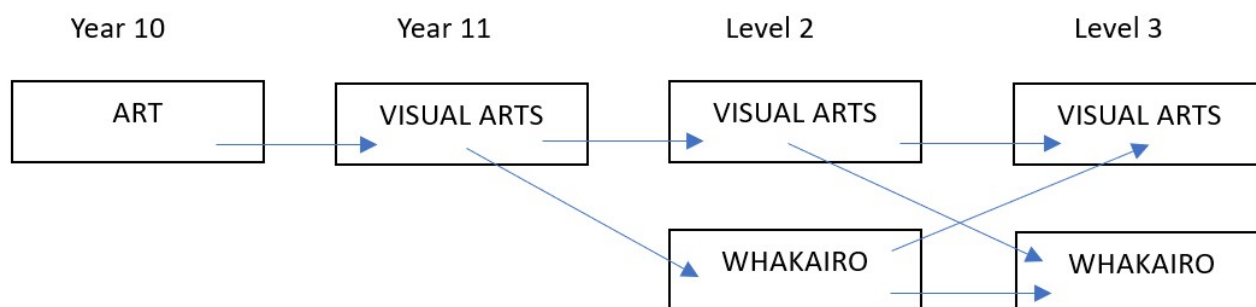
Universities publish Preferential/Guaranteed Entry Standards in their prospectuses. These are based on academic results; grade points are allocated to grades achieved, where an Achieved grade is worth two grade points, Merit is worth three grade points and Excellence is worth four grade points. Because of this, students seeking admission to limited entry courses should consider courses with more Achievement Standards than Unit Standards.

The majority of universities base their ranking on credits from subjects in the Approved Subjects list only.

Students should research tertiary courses they are interested in well in advance, checking with each tertiary institution to see entry criteria to courses.



VISUAL ARTS



YEAR 11 VISUAL ARTS FOUNDATION COURSE (11ART)

CREDITS: 8 credits

PREREQUISITES: HOD approval

LEARNING ACTIVITIES: 4 NCEA Level 1 credits + 4 NCEA Level 2 credits

Students will develop their artistic skills through a variety of art-making techniques including drawing, acrylic and watercolour painting, print-making processes such as engraving, relief printing and monotype. While emphasis is on refining skills through accurate observation and attention to detail, students are encouraged to start developing their personal aesthetic.

This is a fun, exciting program and is designed to extend the student and prepare them for Level 2 and 3. Students who take this course should enjoy being creative and should be prepared to work hard.

COST/EQUIPMENT: A basic pack of art materials can be bought from Student Services for \$20. All other materials are provided. **PLUS** \$10.00 to cover the cost of a trip.

Standard	L/N	Title	Level	Int	Ext
AS91913		Produce a significant resolved artwork appropriate to established art making conventions.	1	4	
AS91325		Produce a resolved work that demonstrates control of skills appropriate to cultural conventions.	2	4	

Subject leads to: NCEA Level 2 Painting, NCEA Level 2 Printmaking and NCEA Level 2 Whakairo

YEAR 12 VISUAL ARTS: PAINTING/ PRINTMAKING (ART2U)

CREDITS: 24

PREREQUISITES: Visual Arts Foundation Course

LEARNING ACTIVITIES:

The course offers 16 Level 2 credits (internal assessments worth 4 credits and external worth 12 credits) and one Level 3 internal assessment worth 4 credits.

This course builds on processes, procedures and techniques learned in the Year 11 Visual Arts Foundation Course, challenging students' perceptions of artmaking and their ability to communicate visually. Students may choose either printmaking or painting. They are also encouraged to critically evaluate their work and solve visual problems in the process of making their art works. The theme of the course is based on portraiture, figure painting combined and landscapes.

COST/EQUIPMENT: A basic art materials pack can be bought from Student Services for \$20. All other materials are provided **PLUS** \$15.00 to cover the cost of an outing.

Standard	R/W	Title	Level	Int	Ext
AS91316		Develop ideas in a related series of drawings appropriate to established painting practice OR printmaking practice	2	4	
AS91321		Produce a systemic body of work that shows understanding of art making conventions and ideas within painting OR printmaking	2		12
AS91446		Use drawing to demonstrate understanding of conventions appropriate to painting	3	4	
AS91311		Use drawing methods to apply knowledge of conventions appropriate to painting; sculpture OR printmaking	2	4	

Subject leads to: NCEA Level 3 Painting or Printmaking and NCEA Level 3 Whakairo

Year 11 and 12 students with good fine motor skills and interest in Toi Māori are encouraged to take Whakairo in Years 12 and 13. Whakairo is a university approved subject.

WHAKAIRO (WHK2C)

LEVEL 2: NCEA Level 2 Unit Standards and Achievement Standards

PREREQUISITES: - This course is open to all students who wish to explore aspects of Toi Maori. Students must have passed either NCEA Level 1 Whakairo or the Year 11 Visual Arts Foundation Course

LEARNING ACTIVITIES: This course builds on students' knowledge of Maori Tikanga (custom) related to Whakairo (carving). Students are exposed to Maori art conventions, designs and practices, by creating Whakairo through traditional and modern means. The work of the year 12 students is typically larger and more sophisticated than the year 11 work.

COST/EQUIPMENT: \$10.00 to cover the cost of an outing.

Standard	R/W	Title	Level	Int	Ext
US 23010		Generate, develop and refine visual ideas in whakairo	2	5	
US 23009		Identify and apply Maori art conventions, design elements and principles to explore whakairo	2	5	
US 23011		Demonstrate knowledge of whakairo production for meaning, intention, function and an artist's methodologies	2	5	
US 23012		Demonstrate knowledge of function and significance to explore the value of whakairo	2	5	
AS 91325		Demonstrate knowledge of whakairo production for meaning, intention, function and an artist's methodologies	2	4	
AS 91321		Produce a systemic body of work that shows understanding of art making conventions and ideas within sculpture	2		12

Subject leads to: - NCEA Level 3 Whakairo and NCEA Level 3 Painting, NCEA Level 3 Printmaking.

VISUAL ARTS: PAINTING/ PRINTMAKING (ART3U)

LEVEL 3: NCEA Level 3 Achievement Standard: **24 Credits**

PREREQUISITES: NCEA Level 2 Painting or Printmaking

LEARNING ACTIVITIES: The internal components of this course will consist of work presented as an individual response to research and practical tasks, using drawing, painting or printmaking. The external component is a three-board folio submission, due at the end Term 3, and is assessed by a panel of external markers. Work on boards involves visual research, drawing and the production of original art works, using the medium of paint or print. The folio must show a progression of ideas and evidence of the use of artist models.

COST/EQUIPMENT: A basic equipment pack can be bought from Student Services for \$20. All other materials are provided. **PLUS** \$15.00 to cover the cost of an outing.

Standard	R/W	Title	Level	Int	Ext
AS91451		Systematically clarify ideas using drawing informed by established painting/printmaking practice	3	4	
AS91456		Produce a systemic body of work that integrates conceptions and regenerates ideas within painting/printmaking practice	3		14
AS91460		Produce a resolved work that demonstrates purposeful control of skills appropriate to a visual arts cultural context	3	4	
AS91446		Use drawing to demonstrate understanding of conventions appropriate to painting; sculpture OR printmaking	3	4	

Subject leads to: Continued study at art schools, university and polytechnic. A degree in Visual Art leads on to a wide choice of careers in the creative sector: in film, theatre, galleries and museums; in advertising, exhibition design and illustration; in crafts like jewellery and in teaching and arts administration. Visual Art (Painting/Printmaking) is a university approved subject.

WHAKAIRO (WHK3C)

LEVEL 3: NCEA Level 3 Unit Standards and Achievement Standards

PREREQUISITES: - This course is open to all students who wish to explore aspects of Toi Maori. Students must have passed either NCEA Level 2 Whakairo, Painting or Printmaking

LEARNING ACTIVITIES: This course builds on students' knowledge of Maori Tikanga (custom) related to Whakairo (carving). Level 3 work is typically more ambitious and experimental than level 2 work.

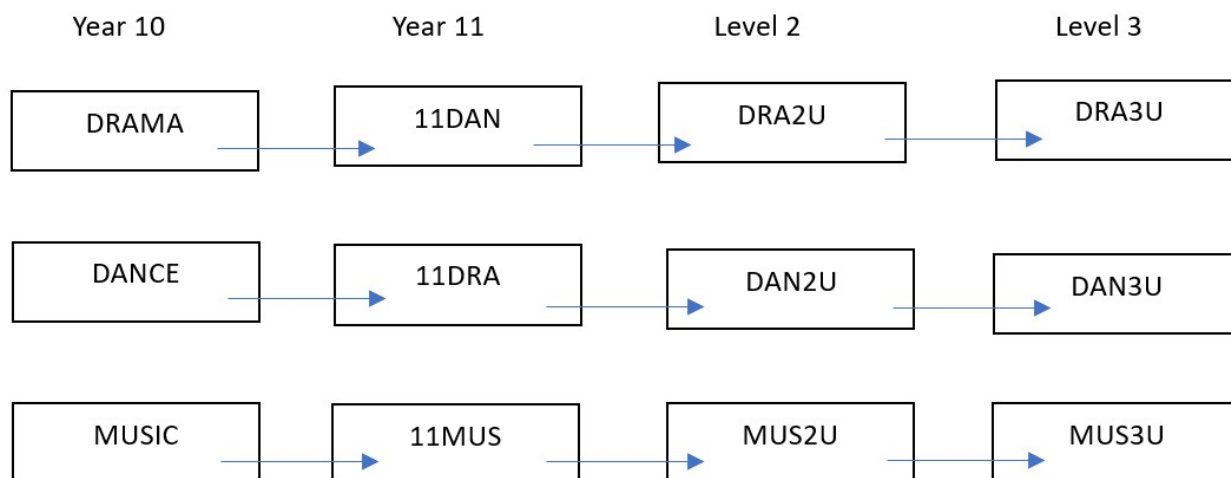
COST/EQUIPMENT: \$10.00 to cover the cost of an outing.

Standard	R/W	Title	Level	Int	Ext
US 23013		Apply Maori art conventions, designs and practices to develop whakairo	3	6	
US 23014		Develop ideas to create whakairo	3	6	
US 23015		Examine meaning in particular whakairo situations	3	6	
US 23016		Examine and interpret change in particular whakairo situations	3	6	
AS 91460		Produce a resolved work that demonstrates purposeful control of skills appropriate to a visual arts cultural context	3	4	
AS 91456		Produce a systemic body of work that integrates conceptions and regenerates ideas within sculpture	3		14

Subject leads to: Whakairo and/or Nga Toi (Māori Art) course of study at Toi Houkura, Te Wānanga o Aotearoa, Te Whare Wānanga o Awanuiārangi or Te Puia. Other providers around the country offer Nga Toi/Fine Arts courses.

Occupations: Commission carver, ta-moko artist, greenstone and bone carver, commercial artist, sculptor, architect, landscape designer, teacher, course tutor, tourist operator.

PERFORMING ARTS



DRAMA (11DRA)

This full year course is designed to prepare students for NCEA Level 2 Drama as well as completing 2 Levels standards.

LEVEL 2: NCEA Level 1 Achievement Standard: **8 Credits**

LEARNING ACTIVITIES: Students will explore in depth the elements, techniques and conventions of Drama which is an NCEA requirement. Year 11 Drama is also designed to improve student confidence, self-esteem and communication skills which will significantly help them develop 'work ready' skills. This course also aims to improve pupils' problem-solving skills and their ability to think creatively. Topics that will be covered at this level include; physical theatre, performing from a text and creating group devised performances. The viewing of live theatre performance is also essential as this is a key strategy for students to understand theatre performance and production technologies.

COST/EQUIPMENT: (nil)

Standard	L/N	Title	Level	Int	Ext
91213		Apply drama techniques in a scripted context	2	4	
91219	L	Discuss drama elements, techniques, conventions and technologies.	2		4

Subject leads to: NCEA Levels 2 and 3 Drama. Drama is a University approved subject.

DANCE (11DAN)

This full year will see the students complete one Level 1 internal and spend the rest of the year preparing for NCEA Level 2.

LEVEL 1: NCEA Level 1 Achievement Standard: **5 Credits**

LEARNING ACTIVITIES: Students will be given many opportunities to develop their knowledge of dance elements and choreographic devices. This course is also designed to develop student leadership skills, confidence, problem solving skills and their ability to work collaboratively in a group. A wide range of learning opportunities will be given to the students which will include, choreographing material using a range of stimulus and performing work in a variety of dance styles. Only one level 1 NCEA standard will be taught next year with the rest of the year's program focused on preparing students for Level 2 NCEA. The viewing of live dance performance is also essential as this is a key method for students to understand production technologies and concepts.

COST/EQUIPMENT: (nil)

Standard	L/N	Title	Level	Int	Ext
91936		Compose a dance sequence in response to a given brief.	1	5	
91211	L	Provide interpretation of a dance performance with supporting evidence	2		4

Subject leads to: NCEA Levels 2 and 3 Dance (Dance is a University approved subject)

DRAMA (DRA2U)

LEVEL 2: NCEA Level 2 Achievement Standard: **18 Credits**

PREREQUISITES: 80% attendance at Year 11. Students need to have studied Level 1 Drama or be given HOD approval, following an interview.

LEARNING ACTIVITIES: NCEA Level 2 Drama continues to build on the elements, techniques and conventions that were explored at Year 11. The main aim of this course is to develop a greater understanding of stylised drama and to give pupils the skills to become effective performers. Students will develop their devising 'tool box' and they will learn how to communicate engaging stories. Pupils will also continue to study plays and learn about the processes used for performing a text. The viewing of live theatre performances is essential as the end year exam focuses on a viewed performance.

This course aims to develop each student's confidence, self-esteem, problem solving skills and creativity.

COST/EQUIPMENT: (nil)

Standard	R/W	Title	Level	Int	Ext
AS91214		Devise and perform a drama to realise an intention	2	5	
AS91216	4R	Perform features of a complex drama or theatre form or period	2	4	
AS91218	5R	Perform a substantial acting role in a scripted production	2	5	
AS91219		Discuss drama elements, techniques, conventions and technologies within live performances	2		4

Subject leads to: Tertiary Study (Drama is a University approved subject)

DANCE (DAN2U)

LEVEL 2: NCEA Level 2 Achievement Standard: **20 Credits**

PREREQUISITES: 80% attendance at Year 11. They need to have studied Level 1 Dance or be given HOD approval following an interview.

LEARNING ACTIVITIES: This course offers a natural progression from the work studied in Year 11 Dance.

Students will be given many opportunities to further develop their knowledge of Dance Elements, Choreographic Devices and Performance Qualities. The Level 2 program is also designed to develop student leadership skills, problem solving skills and their ability to work collaboratively in a group. A wide range of learning opportunities will be given to the students which will include, choreographing material using a range of stimulus and performing work in a variety of dance styles. This course is suited for students who enjoy the creative process and who like to learn on their feet.

COST/EQUIPMENT: (nil)

Standard	R/W	Title	Level	Int	Ext
AS91205		Choreograph a group dance to communicate an intention	2	4	
AS91206		Choreograph a solo dance to communicate an intention	2	4	
AS91207		Perform an ethnic or social dance to communicate understanding of the style	2	4	
AS91208		Perform a theatre dance to communicate understanding of the dance	2	4	
AS91211		Provide an interpretation of a dance performance with supporting evidence	2		4

Subject leads to: - Tertiary Study (Dance is a University approved subject)

DRAMA (DRA3U)

LEVEL 2: NCEA Level 3 Achievement Standard: **18 Credits**

PREREQUISITES: 80% attendance at Year 12, 10 or more credits in Drama at Level 2 or be given HOD approval following a short interview.

LEARNING ACTIVITIES: Level 3 Drama aims to challenge its pupils and build on the skills taught at Level 1 and 2. The course is designed to develop complex group working skills and to give pupils greater opportunities to demonstrate their skills as a storyteller. During the year, pupils will focus on two devising topics and one text based topic. Topics covered include; the study and performance of 'physical theatre', the creation of an original devised drama and the performing of scenes from an important New Zealand play.

As the Year 13 Drama calendar can be busy, it is important that students are available for after school rehearsals. The end of year Exam will require students to analyse a professional theatre production so students need to make the most of all school drama trips.

COST/EQUIPMENT: (nil)

Standard	R/W	Title	Level	Int	Ext
AS91513		Devise and perform a drama to realise a concept	3	5	
AS91515	4R	Select and use complex performance skills associated with a drama form or period	3	4	
AS91517	5R	Perform a substantial acting role in a significant production	3	5	
AS91518	4W	Demonstrate understanding of live drama performance	3		4

Subject leads to: - Tertiary study (Drama is a University approved subject)

DANCE (DAN3U)

LEVEL 3: NCEA Level 3 Achievement Standard: **22 Credits**

PREREQUISITES: 80% attendance at Year 12, 10 or more credits in Dance at Level 2, or HOD approval following an interview.

LEARNING ACTIVITIES: In Level Three Dance, students continue to follow the natural progression from the previous two years in Dance. By taking this subject, students will be given opportunities to further develop and showcase their skills in choreography, performance and describing dance in written contexts. The Level 3 program is not only designed to develop student leadership skills, problem solving skills and their ability to work collaboratively in a group but to also use their skills in independent situations. A wide range of learning opportunities will be given to the students which will include, choreographing material using a range of stimulus and performing work in a variety of dance styles. This course is suited for students who enjoy the creative process and who value innovation.

COST/EQUIPMENT: (nil)

Standard	R/W	Title	Level	Int	Ext
AS91588		Produce a dance to realise a concept.	3	8	
AS91590		Perform a solo or duet dance.	3	4	
AS91592		Perform a repertoire of contrasting dances.	3	6	
AS91594	4W	Analyse a dance performance.	3		4

YEAR 11 MUSIC (11MUS)

LEVEL 1: NCEA Level 1 and Level 2 Achievement Standards: **21 credits**

PREREQUISITES: 3 years performance experience or Year 10 Music or HOD approval

LEARNING ACTIVITIES: A practical based subject focusing on performance and composition. Students are encouraged to own their own instrument and take itinerant lessons. Students are expected to have a consistent and sustained practice routine at home and participate in extra-curricular activities for school or community events.

COST/EQUIPMENT: Own your performance instrument.

Standard	R/W	Title	Level	Int	Ext
AS91949		Demonstrate performance skills	1	5	
AS91270		Perform two programmes of music as a featured soloist	2	6	
AS91271		Compose two substantial pieces of music	2	6	
AS91272		Demonstrate ensemble skills by performing a substantial piece of music as a member of a group	2	4	

Subject leads to: Level 2 Music or volunteer work in the Community/Church

YEAR 12 MUSIC (MUS2U)

LEVEL 2 AND LEVEL 3: Level 2 and Level 3 Achievement Standards: **28 credits**

PREREQUISITES: Proficient on an instrument with at least 4 years' experience, or Year 11 Music or HOD approval

LEARNING ACTIVITIES: A practical based subject focusing on performance and composition. Students are encouraged to own their own instrument and take itinerant lessons. Students are expected to have a consistent and sustained practice routine at home. It is compulsory to participate in extra-curricular activities for school or community-based events.

COST/EQUIPMENT: Own your own performance instrument

Standard	R/W	Title	Level	Int	Ext
AS91270		Perform two programmes of music as a featured soloist	2	6	
AS91271		Compose two substantial pieces of music	2	6	
AS91272		Demonstrate ensemble skills by performing a substantial piece of music as a member of a group	2	4	
AS91416		Perform two programmes of music as a featured soloist	3	8	
AS91418		Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group	3	4	

YEAR 13 MUSIC (MUS3U)

LEVEL 3: Level 3 Achievement Standards: **28 credits**

PREREQUISITES: Proficient on an instrument with at least 5 years experience, or Year 11 Music or HOD approval

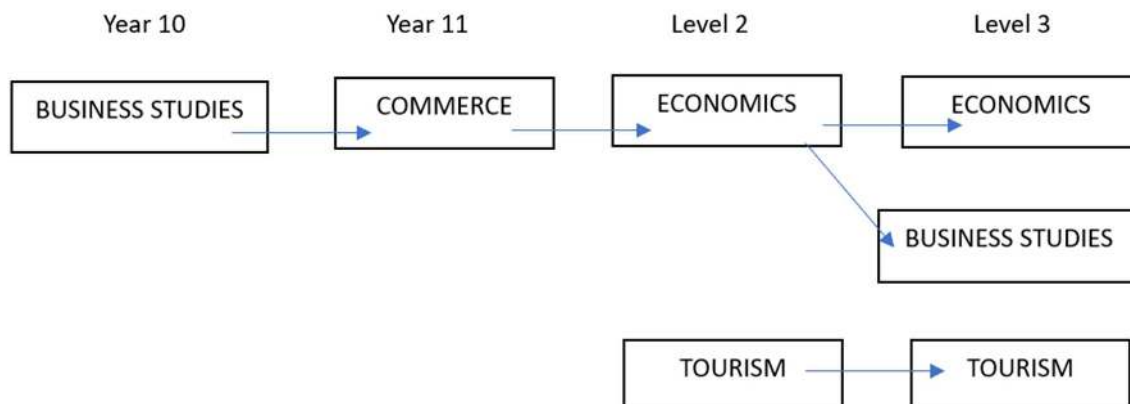
LEARNING ACTIVITIES: A practical based subject focusing on performance and composition. Students are encouraged to own their own instrument and take itinerant lessons. Students are expected to have a consistent and sustained practice routine at home. It is compulsory for students to take part in extra-curricular performances for school or the community.

COST/EQUIPMENT: Own your own performance instrument

Standard	R/W	Title	Level	Int	Ext
AS91416		Perform two programmes of music as a featured soloist	3	8	
AS91418		Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group	3	4	
AS91419		Communicate musical intention by composing three original pieces of music	3	8	
AS91849		Compose three original songs that express imaginative thinking	3	8	



COMMERCE & VOCATIONAL



COMMERCE (11COM)

LEVEL 1: NCEA Level 1 Achievement Standards: **10 Credits (10 Literacy/5 Numeracy)**

LEVEL 2: NCEA Level 2 Achievement Standard: **4 Credits (Literacy/Numeracy)**

LEARNING ACTIVITIES: In Commerce, students learn how economic decisions affect individuals, businesses, and society, and how markets operate through concepts like supply, demand, and government intervention. This subject builds real-world decision-making skills and provides a strong foundation for students who want to study Commerce at university or start their own business in the future.

Standard	L/N	Title	Level	Int	Ext
AS 92029		Demonstrate understanding of price determination for an organisation	1	5	
AS 91226		Analyse statistical data relating to two contemporary economic issues	2	4	-
AS 92030	L	Demonstrate understanding of how interdependent financial relationships are affected by an event	1	-	5

Subject leads to: Level 2 Economics

ECONOMICS (ECO2U)

LEVEL 2: NCEA Level 2 Achievement Standard: **18 Credits**

PREREQUISITES: Achieved CAA in numeracy and literacy (or alternative pathway)

LEARNING ACTIVITIES: Economics helps students understand how consumers, businesses, and governments make decisions that shape the economy, through topics like market structures, business strategies, and government policies. It examines and explores ways to improve wellbeing and living standards, making it an engaging subject that builds real world skills and provides a strong foundation for university study or starting a business.

Standard	R/W	Title	Level	Int	Ext
AS91225	R	Analyse unemployment using economic concepts and models	2	4	-
AS91227	6R	Analyse how government policies and contemporary economic issues interact	2	6	-
AS91228	4R	Analyse a contemporary economic issue of special interest using economic concepts and models	2	4	-
AS91222		Analyse inflation using economic concepts and models	2	-	4

Subject leads to: NCEA Level 3 Economics/Business Studies

ECONOMICS (ECO3U)

LEVEL 3: NCEA Level 3 Achievement Standards: **14 Credits**

PREREQUISITES: Complete L2 Economics with success or HOD discretion.

LEARNING ACTIVITIES: Level 3 Economics explores how individuals, businesses, and governments make choices in a world of scarcity, using models and data to understand real-world issues. This is a demanding academic subject that requires a high level of numeracy and literacy, developing strong analytical skills and preparing students for further study in commerce, social sciences, or public policy.

Standard	R/W	Title	Level	Int	Ext
AS91399	4B	Demonstrate understanding of the efficiency of market equilibrium	3	-	4
AS91401	5R	Demonstrate understanding of microeconomic concepts	3	5	
AS91402	5R	Demonstrate understanding of government interventions to correct market failures	3	5	

Subject leads to: Students who intend to take Business or a Commerce degree will find this course particularly useful to reducing stress in their first tertiary year.

BUSINESS STUDIES (BUS3U)

LEVEL 3: NCEA Level 3 Achievement Standards: **18 credits**

PREREQUISITES: 80% attendance in 2025 or HOD discretion

LEARNING ACTIVITIES: This course offers students the chance to start and run a real business through the Young Enterprise Scheme programme. Working in teams, students will develop a product or service, take it to market, and compete in national challenges. They will learn about business planning, finance, and operations while building practical skills and community connections. This is an Internal Assessment only course that contributes to University Entrance (UE). Excellent attendance and active participation in group work are essential. If you cannot meet these expectations, this course will not be suitable for you.

Standard	R/W	Title	Level	Int	Ext
AS91832	6R	Develop a marketing plan for a new or existing product	3	6	-
AS91384	L	Carry out, with consultation, an innovative and sustainable business activity	3	9	-
AS91383	3R	Analyse a human resource issue affecting businesses	3	3	-

Subject leads to: Students will gain a well-rounded knowledge of business terminology and business activities which will benefit both students who intend on studying for a Business or Commerce degree at university or those who are interested in operating their own small business in the future.

TOURISM (TOU2C)

LEVEL 2: NCEA Level 2 Unit Standards: **26 Credits**

PREREQUISITES: None

LEARNING ACTIVITIES: - This program is delivered in collaboration with The New Zealand School of Tourism and will teach you about the tourism industry, including tourist behaviour, business operations, and New Zealand as a destination. You'll also gain skills for working in the sector and should have basic literacy and numeracy abilities.

Standard	Title	Level	Int	Ext
24728	Demonstrate knowledge of work roles in tourism	2	3	-
24729	Demonstrate knowledge of world travel destinations	2	4	-
24730	Demonstrate knowledge of the business of tourism	2	4	-
24731	Demonstrate knowledge of destination New Zealand	2	4	-
24732	Demonstrate knowledge of tourist characteristics and needs	2	3	-
18237	Use the Internet in a Tourism workplace	2	2	-
23761	Complete work-related documents for a tourism workplace	2	3	-
23767	Perform calculations for a tourism workplace	2	3	-

Subject leads to: NCEA Level 3 Tourism.

TOURISM (TOU3C)

LEVEL 3: NCEA Level 3 Unit Standards: **21credits**

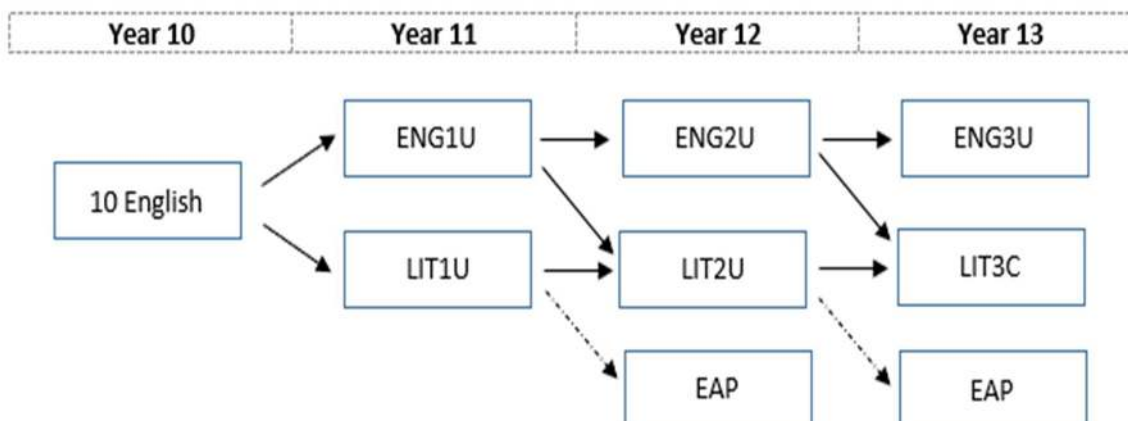
PREREQUISITES: None

LEARNING ACTIVITIES: You do not need to have studied Tourism in Year 12 to enrol for this course as the credits achieved this year will contribute to your NCEA Level 3. This course focuses on improving your knowledge of specific local and overseas tourist destinations.

Standard	Title	Level	Int	Ext
3727	Demonstrate knowledge of Pacific Island countries as visitor destinations	3	5	-
18212	Demonstrate knowledge of New Zealand as a tourist destination	3	8	-
18211	Demonstrate knowledge of Australia as a visitor destination	3	5	-
26461	Demonstrate knowledge of Asian countries as tourist destinations	3	8	-

Subject leads to: This qualification prepares you for entry to the National Certificate in Tourism and Travel (Level 4), which can direct you to other courses. You will be ready to study with any tertiary provider delivering Tourism and Travel courses in Levels 3-5.

ENGLISH



YEAR 11 ENGLISH LITERATURE (11ENG)

LEVEL 1: NCEA Level 1 Achievement Standards: **10 credits**

PREREQUISITES: In year 11, 11ENG (or 11LIT) is compulsory for all students.

LEARNING ACTIVITIES: Year 11 English Literature builds on the skills developed in the junior English programme. Students will study a film, a novel or play, and a range of short texts. There is a focus on reading, writing and research skills.

Three skills-based OC assessments will be completed to support achievement in Level 2 English – these will focus on interpreting written and visual texts and developing research skills. 11ENG will also offer CAA preparation, an internal assessment which focuses on writing skills, and an external NCEA exam which challenges students to identify techniques and make meaning from unfamiliar texts.

OC Assessments: (skills)

Essay Writing Skills
Close Viewing Skills
Research Skills

Standard	L/N	Title	Level	Ext
AS91926	L	Develop ideas in writing using stylistic and written conventions	1	5
AS91927	L	Demonstrate understanding of significant aspects of unfamiliar texts.	1	

Subject leads to: Level 2 English Literature (ENG2U) or LIT2U.

YEAR 11 LITERATURE WITH LITERACY (11LIT)

LEVEL 1: NCEA Level 1 Achievement Standards: **5 credits**

PREREQUISITES: In year 11, 11ENG (or 11LIT) is compulsory for all students. Students will be selected for 11LIT based on Y10 results.

LEARNING ACTIVITIES: The year 11 Literature with Literacy is designed for students who need to develop confidence and control with basic literacy skills. LIT classes are smaller in number to help students work on core literacy and communication skills of reading, writing, listening and speaking. While students will still engage with literary texts, there will be a greater focus on the English language in this course. Please talk with your English teacher if you think this is the right course for you.

OC Assessments will focus on building foundational literacy skills – reading, writing and speaking. 11LIT will also offer CAA preparation, and an internal assessment that focuses on response to text.

OC Assessments: (skills)

Essay Writing Skills
Close Viewing Skills
Research Skills

NCEA Assessments: (credits)

Standard	L/N	Title	Level	Int	Ext
AS91924	L	Demonstrate understanding of how context shapes verbal language use.	1	5	
AS91927	L	Demonstrate understanding of significant aspects of unfamiliar texts.	1		5

Subject leads to: LIT2U or EAP

YEAR 12 ENGLISH LITERATURE (ENG2U)

LEVEL 2: NCEA Level 2 Achievement Standards: **21 credits**

PREREQUISITES: Students need to have passed the Literacy CAAs and have some interest in the subject.

LEARNING ACTIVITIES: Year 12 English Literature is a challenging course that continues to build on the skills developed in 11ENG – specifically reading, writing and research skills at a higher level to achieve UE Literacy. As such, it is an essential course for any student aspiring to continue on to tertiary studies. Students on this course will complete an in-depth study of a novel (or play) and a film, and complete a research assessment and range of writing tasks to publication standard. There may be an extra assessment opportunity for students who demonstrate good time management and determination.

Standard	R/W	Title	Level	Int	Ext
AS91098	4B/L	Analyse specified aspect(s) of studied written text(s), supported by evidence.	2		4
AS91099	4W/L	Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence.	2		4
AS91101	6W/L	Produce a selection of crafted and controlled writing	2	6	
AS91105	4R/L	Use information literacy skills to form developed conclusions.	2	4	
AS91107		Analyse aspects of visual and/or oral text(s) through close viewing and / or listening, supported by evidence.	2	3	

Subject leads to: Level 3 English Literature (ENG3U) or LIT3C.

YEAR 12 LITERATURE WITH LITERACY (LIT2U)

LEVEL 2: NCEA Level 2 Achievement Standards: **18 credits**

PREREQUISITES: Students need to have passed EITHER 1 standard in 11ENG or 11LIT OR one of the Literacy CAA exams, and have some interest in the subject. Students will be selected for LIT2U based on Y11 results and teacher recommendations once option choices have been made.

LEARNING ACTIVITIES: The year 12 Literature with Literacy course is designed for students who enjoy English as a subject, but found Year 11 English Literature challenging (especially the reading and writing standards). Students will study a novel and a film as input for various internal assessments, and attempt two external exams to aim for UE literacy.

LIT classes are smaller in number and while students will still engage with literary texts, there will be a greater focus on alternative assessment methods and specific teaching of English language in this course. Please talk with your English teacher if you think this is the right course for you.

Standard	R/W	Title	Level	Int	Ext
AS91099	W	Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence.	2		4
AS91100	4B	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence.	2		4
AS91105	4R/L	Use information literacy skills to form developed conclusions.	2	4	
AS91107		Analyse aspects of visual and/or oral text(s) through close viewing and / or listening, supported by evidence.	2	3	
AS91102		Construct and deliver a crafted and controlled oral text.	2	3	

Subject leads to: LIT3C or EAP

YEAR 13 ENGLISH LITERATURE (ENG3U)

LEVEL 3: NCEA Level 3 Achievement Standards: **19 credits**

PREREQUISITES: Students need to have passed at least 2 standards from ENG2U (preferably one external standard and the research or writing assessments) and have some interest in the subject.

LEARNING ACTIVITIES: Year 13 English Literature is a challenging course that continues to build on the skills developed in 11ENG and ENG2U – specifically analysing and interpreting texts, making connections between texts. This course will also introduce you to literary theory and new ways to understand texts. It is an ideal course to for those desiring to continue onto university.

Students on this course will complete an in-depth study of a novel (or play) and a film, and complete a research, connections and close viewing internal assessments.

Standard	R/W	Title	Level	Int	Ext
AS01472	4B	Respond critically to specified aspect(s) of studied written text(s), supported by evidence.	3		4
AS91473	4W	Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence.	3		4
AS91478		Respond critically to significant connections across texts, supported by evidence.	3	4	
AS91479	4R	Develop and informed understanding of literature and/or language using critical texts.	3	4	
AS91480		Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence.	3	3	

YEAR 13 LITERATURE WITH LITERACY (LIT3C)

LEVEL 2: NCEA Level 2 Achievement Standards: **6 credits**

LEVEL 3: NCEA Level 3 Achievement Standards: **Up to 14 credits**

PREREQUISITES: Students need to have passed at least 1 standard in ENG2U, or 2 standards in LIT2U and have some interest in the subject. Students will be selected for LIT3C based on Y12 results and teacher recommendations once option choices have been made.

LEARNING ACTIVITIES: The year 13 Literature with Literacy is designed for students who enjoy English as a subject, but find it challenging and need to refine their reading and writing skills. LIT classes are smaller in number and while students will still engage with literary texts, this course is designed to give you additional opportunities to achieve UE literacy. Please talk with your English teacher if you think this is the right course for you.

Standard	R/W	Title	Level	Int	Ext
AS91479	4R	Develop and informed understanding of literature and/or language using critical texts.	3	4	
AS91475	R/W	Respond critically to significant aspects of unfamiliar written texts through close reading, supported by evidence.	3		4
Students will also attempt at least 1 of the following assessments:					
AS91480		Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence.	3	3	
AS91478		Respond critically to significant connections across texts, supported by evidence.	3	4	
US27750	6B	Write a crafted text for a specified audience using researched material in English for an academic purpose	4	6	

ENGLISH LANGUAGE

The English Language program helps students develop their English language skills. It also helps students to achieve the expected learning outcomes specific for English language learners, as set out in the NCEA

English Language Levels 1, 2 and 3, and English for Academic Purposes, Levels 3 and 4. Teachers use the English Language Levels 1, 2 and 3 as a 'stepping stone' to support students as they work towards the expectations of the NCEA English for Academic Purposes, Levels 3 and 4. This is vital so the English language learners can move onto tertiary institutions to further their studies if they wish to.

Enrolment & Placement

Students who have just arrived from overseas, and who are from cultures other than English are expected to sit the Otahuhu College English Language Placement Test, which determines their eligibility to be in the English language program. The placement test has been designed based on the Ministry of Education English Language Literacy Progression (ELLP).

English language learners vary substantially in their needs for support. Factors that contribute to students' level of proficiency in the English language include:

- the level of prior exposure to English;
- the age of the student; and
- previous school experience

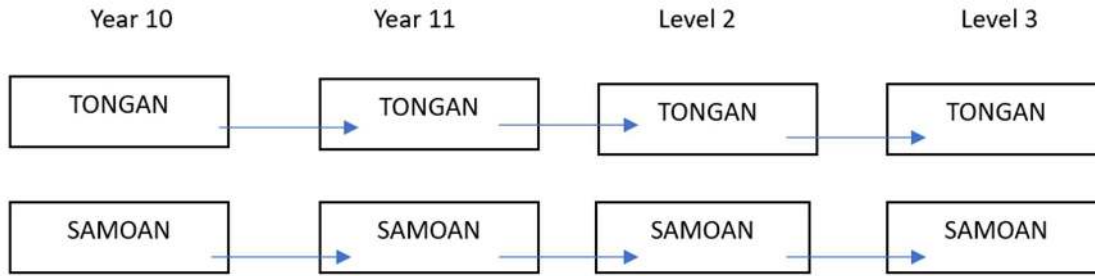
These individual differences are reflected in teachers' planning, teaching and on-going support for students.

Assessments

The following is a list of the indicative assessments to assess the achievement of English Language students.

English Language				
Assessment standard	Level	Literacy strand	Credits	Description
US30985	2	Listening	5	Demonstrate understanding of straightforward spoken instructions in a familiar context
US31020	2	Speaking	5	Participate in simple exchanges of personal and familiar topics
US31002	2	Reading	5	Read and understand a straightforward text for a routine practical purpose
US28000	2	Writing	5	Write a simple text for a practical purpose
English for Academic Purposes				
Assessment standard	Level	Literacy strand	Credits	Description
US 30509	3	Listening	5	Demonstrate and apply understanding of a short spoken text in English for an academic purpose
US 30510	3	Speaking	5	Deliver a short oral presentation in English for an academic purpose
US 30511**	3	Reading	6L	Read and apply understanding in English for academic purposes
US 30507**	3	Writing	5	Write a short text under test conditions in English for an academic purpose.
US 27751	4	Reading	6R	Read and process information in English for academic purposes
US 27750	4	Writing	6	Write a crafted text for a specified audience using researched material in English for an academic purpose
**10 Level 1 Literacy Credits				

PACIFIC LANGUAGES



TONGAN LANGUAGE IS A UNIVERSITY APPROVED SUBJECT

Students who are strong in their first language have been shown to perform better in academic subjects across other curriculum areas.

For non-fluent students it is best that you pick up Tongan early because it is difficult to take it up at Level 1, 2 or 3 without any prior Tongan in the lower levels.

TONGAN (11TON)

LEVEL 1: NCEA Level 1: 5 Credits and NCEA Level 2: **5 Credits**

PREREQUISITES: - Satisfactory completion of Y10 or HOD approval. For non-fluent students it is best that you pick up Tongan early because it is difficult to take it up at Level 2 or 3 without any prior Tongan in the lower levels.

LEARNING ACTIVITIES: - Students who are strong in their first language have been shown to perform better in academic subjects across other curriculum areas. In this subject students will use Tongan to communicate basic personal ideas, information and opinions of most immediate relevance. They can also communicate beyond the immediate context (e.g. past and future events in a variety of text types).

Standard	Title	Level	Int	Ext
Level 1 standards	Students can understand and produce more complex language. They can communicate beyond the immediate context eg. Past and future events. They can understand and produce a variety of text types.			
AS92039 (1.4)	Demonstrate understanding of spoken Lea Faka-Tonga related to everyday contexts	1	5	
2.5	Write a variety of text types in LFT to convey information, ideas and opinions in genuine contexts.	L2	5	

Subject leads to: NCEA Level 2 Tongan

TONGAN (TON2U)

LEVEL 2: NCEA Level 2 Achievement Standards: **24 Credits**

PREREQUISITES: Satisfactory completion of Level 1 Tongan or HOD approval

LEARNING ACTIVITIES: Students can use Tongan to explore the views of others developing and sharing personal perspectives, i.e. to share and justify their own ideas and opinions and can support or question those of others for critical reflection.

Standard	W/R	Title	Level	Int	Ext
AS91647		Demonstrate understanding of a variety of spoken Tongan texts on familiar matters	2		5
AS91676		Interact using spoken Tongan to share information and justify ideas and opinions in different situations	2	5	
AS91675		Give a spoken presentation in Tongan that communicates information, ideas and opinions	2	4	
US91677		Demonstrate understanding of a variety of written/and or visual Tongan texts on familiar matters	2		5
AS91678		Write a variety of text types in Tongan to convey information, ideas and opinions in genuine contexts	2	5	

Subject leads to: NCEA Level 3 Tongan

TONGAN (TON3U)

LEVEL 3: NCEA Level 3 Achievement Standard: **24 Credits**

PREREQUISITES: Satisfactory completion of Level 2 Tongan or HOD approval.

LEARNING ACTIVITIES: Students can use language variably and effectively to express and justify their own ideas and opinions and support or challenge those of others. They are able to use and identify the linguistic and cultural forms that guide interpretation and enable them to respond critically to texts.

Standard	R/W	Title	Level	Int	Ext
AS91679		Demonstrate understanding of a variety of extended spoken Tongan texts	3		5
AS91680		Give a clear presentation in Lea Faka-Tongan that communicates a critical response to stimulus materials	3	3	
AS91681		Interact clearly using spoken Tongan to explore and justify varied ideas and perspective in different situations	3	6	
US91682		Demonstrate understanding of a variety of written/and or visual Tongan texts	3		5
AS91683		Write a variety of text types in clear Tongan to explore and justify varied ideas and perspectives	3	5	

Subject leads to: University of Auckland or any university in New Zealand: Tongan can be taken as a minor in the BA program, a degree in fields such as Translation, Language Teaching, Health, Tourism, Comparative Literature and Pacific Studies, Diploma or Certificates in Languages, careers in which Bilingualism is needed.

SAMOAN LANGUAGE IS A UNIVERSITY APPROVED SUBJECT

Students who are strong in their first language have been shown to perform better in academic subjects across other curriculum areas.

For non-fluent students it is best that you pick up Samoan early because it is difficult to take it up at Level 1, 2 or 3 without any prior Samoan in the lower levels.

SAMOAN (11SAM)

LEVEL 1: - NCEA Level 1 Achievement Standards: **20 Credits**

PREREQUISITES: - Satisfactory completion of Year 10 Samoan or HOD approval.

LEARNING ACTIVITIES: - Students need to have basic skills in writing, reading, hearing and speaking in Samoan in order to take this course. They will learn vocabulary and practise language skills of listening, speaking, reading and writing. Some areas of focus will be giving and responding to advice, direction and instruction, as well as providing information and expressing a point of view. Students will also learn about a range of events and cultural contexts and appropriate interactions within each of these.

Standard	Title	Level	Int	Ext
Level 1 standards	Students can understand and produce more complex language. They can communicate beyond the immediate context eg. Past and future events. They can understand and produce a variety of text types.			
AS92035 (1.4)	Demonstrate understanding of spoken Gagana Sāmoa related to everyday contexts	1	5	
2.5	Write a variety of text types in Gagana Sāmoa to convey information, ideas and opinions in genuine contexts.	L2	5	

Subject leads to: NCEA Level 2 Samoan

SAMOAN (SAM2U)

LEVEL 2: NCEA Level 2 Achievement Standard: **24 Credits**

PREREQUISITES: Satisfactory completion of Level 1 Samoan or HOD approval

LEARNING ACTIVITIES: Students will continue their learning of language features from Samoan in year 11. Some areas of focus will be sharing personal perspectives and exploring the views of others; communicating in formal situations; and arguing a particular course of action. Students will also learn about interpreting and responding to aspects of historical and modern contexts.

Standard	R/W	Title	Level	Int	Ext
AS91143		Demonstrate understanding of a variety of spoken Samoan texts on familiar matters	2		5
AS91144		Interact using spoken Samoan to share information and justify ideas and opinions in different situations	2	5	
AS91145		Give a spoken presentation in Samoan that communicates information, ideas and opinions	2	4	
AS91146		Demonstrate understanding of a variety of written/or visual Samoan text(s) on familiar matters	2		5
AS91147		Write a variety of text types in Samoan to convey information, ideas and opinions in genuine contexts	2	5	

Subject leads to: NCEA Level 3 Samoan

SAMOAN (SAM3U)

LEVEL 3: NCEA Level 3 Achievement Standards: **24 Credits**

PREQUISITES: Satisfactory completion of Year 12 Samoan or HOD approval

LEARNING ACTIVITIES: Students will continue their learning of language features from Samoan in year 12. Some areas of focus will be initiating and sustaining interactions in a range of contexts; expressing approval, regret and forgiveness; and creating texts that inform, persuade or entertain. Students will also learn to explain the significance of particular Aganu' Fa'a Samoa practices; discuss and use combinations of visual and verbal features in presentations and performances; research issues in New Zealand and Samoan contexts; and recognise and express fa'aloalo and tautau in a range of contexts.

Standard	R/W	Title	Level	Int	Ext
AS91563		Demonstrate understanding of a variety of extended spoken Samoan texts	3		5
AS91564		Give a clear spoken presentation in Samoan that communicates a critical response to stimulus materials	3	3	
AS91565		Interact clearly using spoken Samoan to explore and justify varied ideas and perspectives in different situations	3	6	
AS91566		Demonstrate understanding of a variety of extended written/or visual Samoan texts	3		5
AS91567		Write a variety of text types in clear Samoan to explore and justify varied ideas and prospective	3	5	

Subject leads to: Tertiary Study.

FRENCH (11FRE)

LEVEL 1

PREQUISITES: Students are expected to have taken French in Year 10 or to have knowledge of French from outside of school. Exceptions may be made for motivated students who took French in Year 9, with the approval of Mr Hart.

LEARNING ACTIVITIES: Year 11 French is an entirely new course developed specially for Otahuhu College students. It builds on students' knowledge of the language from Year 9 and 10. By the end of the course, successful students will be able to hold an extended conversation in French about a variety of topics and engage in written communications about everyday life. They will also have developed knowledge about the countries and cultures in the French-speaking world.

TE REO MĀORI

TE REO MĀORI (11MAO)

LEVEL 1: NCEA Level 1 Achievement Standards: **12 Credits**

PREREQUISITES: Enthusiastic and active participation in all learning experiences will be required by students. Basic knowledge of Te Reo Maori me ona Tikanga would benefit students. A positive attitude with the desire to learn different aspects of Te Ao Māori will be the key to achieving in this subject. The course content may be subject to change.

LEARNING ACTIVITIES: Te Reo Māori me ōnā tikanga shapes the content of this course, whereby Māori traditions and values are incorporated into wider scope learning. This is then developed and produced through the language modes of Korero (speaking), Tuhituhi (Writing), Panui (Reading) and Whakarongo (Listening)

Standard	L/N	Title	Level	Int	Ext
AS91976		Demonstrate understanding of key features of Te Ao Haka	1	6	
AS91977		Perform an item from Te Ao Haka discipline	1	6	
US13363		Demonstrate knowledge and skills of waiata a-ringa	2	6	
US13367		Demonstrate knowledge and skills of poi	2	10	
US13371		Demonstrate knowledge and skills of haka	2	6	
US22756		Perform a Māori performing arts bracket	2	10	
US22752		Demonstrate knowledge and skills of performance components	1	3	

Subject leads to: Learning Te Reo Māori me ōnā tikanga has real benefit in New Zealand society as well as on the indigenous world stage. Students interested in building an understanding of Te Ao Māori, media communications or within the public service industries will be able to use skills learned in this course throughout their schooling and beyond.

TE REO MĀORI (MAO2U)

LEVEL 2: NCEA Level 2 Achievement Standards: **22 credits**

PREREQUISITES: Completion of Level 1 Achievement Standards. Enthusiastic and active participation in all learning experiences will be required by students. A positive attitude with the desire to learn different aspects of Te Ao Māori will be the key to achieving in this subject. The course content may be subject to change.

LEARNING ACTIVITIES: Te Reo Māori me ōnā tikanga shapes the content of this course, whereby Māori traditions and values are incorporated into wider scope learning. This is then developed and produced through the language modes of Korero (speaking), Tuhituhi (Writing), Panui (Reading) and Whakarongo (Listening)

Standard	R/W	Title	Level	Int	Ext
AS91980	6B	Explore elements to create a section of Te Ao Haka item	2	6	
AS91981	6R	Perform a Te Ao Haka item to respond to a local kaupapa	2	6	
AS91984	5B	Reflect on a personal journey in a discipline of Te Ao Haka	3	5	
US22756		Perform a Māori performing arts bracket	2	10	
US13363		Demonstrate knowledge and skills of waiata a-ringa	2	6	
US13367		Demonstrate knowledge and skills of poi	2	10	

US13371		Demonstrate knowledge and skills of haka	2	6	
US31508		Participate in the powhiri process	3	3	
US30540		Plan, prepare, and produce hangi as part of a team, in accordance with tikanga and kawa	3	5	

Subject leads to: Learning Te Reo Māori me ōnā tikanga has real benefit in New Zealand society as well as on the indigenous world stage. Students interested in building an understanding of Te Ao Māori, media communications or within the public service industries will be able to use skills learned in this course throughout their schooling and beyond.

TE REO MĀORI (MAO3U)

LEVEL 3: NCEA Level 3 Achievement Standards: **22 Credits**

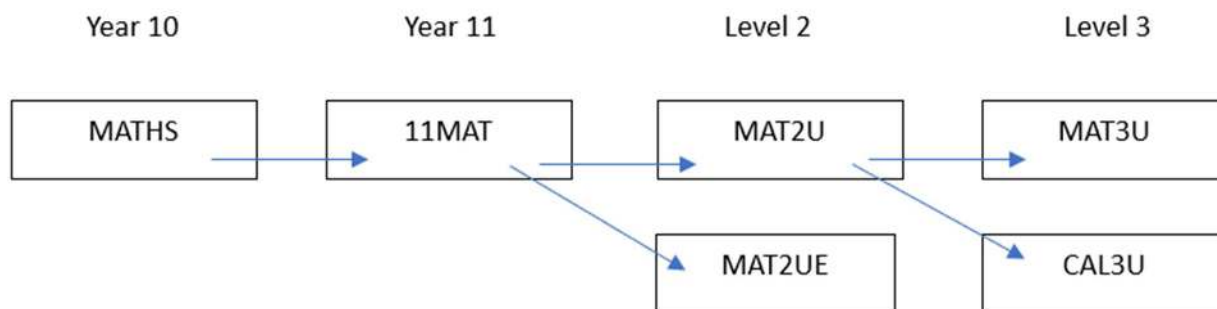
PREREQUISITES: Completion of Level 1 and 2 Achievement Standards. Enthusiastic and active participation in all learning experiences will be required by students. A positive attitude with the desire to learn different aspects of Te Ao Māori will be the key to achieving in this subject. The course content may be subject to change.

LEARNING ACTIVITIES: Te Reo Māori me ōnā tikanga shapes the content of this course, whereby Māori traditions and values are incorporated into wider scope learning. This is then developed and produced through the language modes of Korero (speaking), Tuhituhi (Writing), Panui (Reading) and Whakarongo Listening

Standard	R/W	Title	Level	Int	Ext
AS91985	5R	Perform three categories within a discipline of Te Ao Haka	3	5	
AS91984	5B	Reflect on a personal journey in a discipline of Te Ao Haka	3	5	
AS91977		Perform an item from Te Ao Haka discipline	1	6	
US13363		Demonstrate knowledge and skills of waiata a-ringā	2	6	
US13367		Demonstrate knowledge and skills of poi	2	10	
US13371		Demonstrate knowledge and skills of haka	2	6	
US22756		Perform a Māori performing arts bracket	2	10	
US31508		Participate in the powhiri process	3	3	
US30540		Plan, prepare, and produce hangi as part of a team, in accordance with tikanga and kawa	3	5	

Subject leads to: Learning Te Reo Māori me ōnā tikanga has real benefit in New Zealand society as well as on the indigenous world stage. Students interested in building an understanding of Te Ao Māori, media communications or within the public service industries will be able to use skills learned in this course throughout their schooling and beyond.

MATHEMATICS



NOTE:

All students should have met one on one with their Maths teacher to discuss their suitability for each course and a recommendation made to them. Please take this into account when choosing your options.

If you have not met with your teacher, please go and see Miss Middleton for advice regarding options.

Maths is not compulsory for those who have gained level 1 numeracy.

MATHEMATICS (11MAT)

LEVEL 1:

- NCEA Level 1 Achievement Standards: **5 credits**
- NCEA Level 2 Achievement Standards: **6 credits**

PREREQUISITES: - None. This course is available to all Y11 students.

LEARNING ACTIVITIES: - This course focuses on algebra, geometry and measure.

COST/EQUIPMENT: -Scientific calculator – can be purchased at the book shop.

Standard	L/N	Title	Level	Int	Ext
AS91945	N	Use mathematical methods to explore problems that relate to life in Aotearoa New Zealand and The Pacific	1	5	
AS91256	N	Apply co-ordinate geometry methods in solving problems	2	2	
AS91028	N	Apply graphical methods in solving problems	2	4	

Subject leads to: MAT2U, then on to CAL3U and/or MAT3U

MATHEMATICS (MAT2U)

LEVEL 2: NCEA Level 2 Achievement Standards: **14 credits**

PREREQUISITES: Students must have sat 11MAT in year 11. Students must have level 1 numeracy, achieved merits and at least one excellence in internals and passed the Term 4 external exam in year 11.

LEARNING ACTIVITIES: The course focuses on Algebra and does not cover any statistics standards.

COSTS/EQUIPMENT: **Scientific Calculator is mandatory.** A graphical calculator will make exams easier for the student. Algebra and calculus workbooks are also required and available to purchase at the bookshop.

Standard	R/W	Title	Level	Int	Ext
AS91259		Apply trigonometry relationships in solving problems	2	3	
AS91269		Apply systems of equations in solving problems	2	2	
AS91261		Apply algebraic methods in solving problems	2		4
AS91262		Apply calculus methods in solving problems	2		5

Subject leads to: CAL3U and/or MAT3U, then on to University studies in the fields of Engineering, Mathematics and Statistics, Sciences, Commerce, etc.

MATHEMATICS (MAT2UE)

LEVEL 3: NCEA Level 3 Achievement Standards: **14 credits**

PREREQUISITES: Must have sat MAT1U in year 11 and passed all year 11 internals.

LEARNING ACTIVITIES: This course combines statistics and algebra.

COSTS/EQUIPMENT: Scientific Calculator is mandatory. A graphical calculator will make exams easier for the student.

Standard	W/R	Title	Level	Int	Ext
AS91575		Apply trigonometric methods in solving problems	3	4	
AS91581		Investigate Bivariate Measurement Data	3	4	
AS91574		Apply linear programming methods in solving problems	3	3	
AS91587		Apply systems of simultaneous equations in solving problems	3	3	

Subject leads to: - This course is useful for students who require maths to pursue a vocational career but not for those intending to study maths related subjects at University.

This is a one year course and you cannot continue to study math in year 13 after this.

MATHEMATICS (MAT3U)

LEVEL 3: NCEA Level 3 Achievement Standards: **20 credits**

PREREQUISITES: Must have sat MAT2U in year 12. Must have passed internal exams and at least one external exam in MAT2U.

LEARNING ACTIVITIES: This course combines statistics and algebra.

COSTS/EQUIPMENT: Scientific Calculator is mandatory. A graphical calculator will make exams easier for the student.

Standard	W/R	Title	Level	Int	Ext
AS91581		Investigate Bivariate Measurement Data	3	4	
AS91574		Apply linear programming methods in solving problems	3	3	
AS91575		Apply trigonometric methods in solving problems	3	4	
AS91587		Apply systems of simultaneous equations in solving problems	3	3	
AS91578		Apply differentiation methods in solving problems	3		6

Subject leads to: - This course is useful for students intending to continue University study in the fields of Commerce, Sciences and Social Studies as well as in Mathematics and Statistics.

CALCULUS (CAL3U)

LEVEL 3: NCEA Level 3 Achievement Standards: **21 credits**

PREREQUISITES: Students must have passed all internal and external exams in MAT2U. These must have been passed at a merit or excellence standard. Students need to have permission from HOD and their MAT2U teacher to take this course. Students must have attendance of at least 90% in level 2 to take this course.

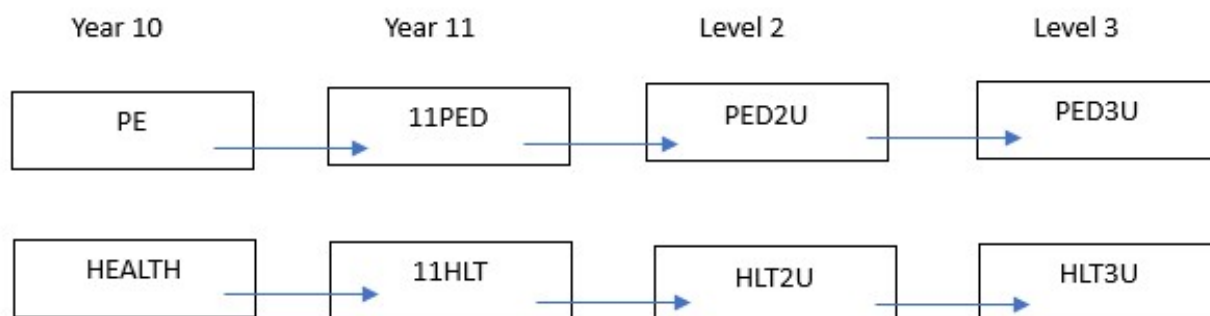
LEARNING ACTIVITIES: Students need to have a firm grasp of Algebraic manipulation skills as this course depends largely on connections made between Algebraic concepts and application. Success in this course is a prerequisite for University study of Engineering, Mathematics and some of the Commerce and Science disciplines. How students achieve on the first internal assessment and practice for the first external assessment will dictate whether they can remain on the course. Students may choose to sit one external assessment, in which case they will transfer from CAL3U to MAT3U during the academic year. **Weekly tutorials after school are compulsory.**

COSTS/EQUIPMENT: Graphical Calculator

Standard	W/R	Title	Level	Int	Ext
AS91575		Apply trigonometric methods in solving problems	3	4	
AS91579		Apply integration methods in solving problems	3		6
AS91577		Apply the algebra of complex numbers in solving problems	3		5
AS91578		Apply differentiation methods in solving problems	3		6

Subject leads to: University studies in the fields of Engineering, Mathematics and Statistics, Sciences, Commerce, etc.

PHYSICAL EDUCATION AND HEALTH



YEAR 11 PHYSICAL EDUCATION (11PED)

LEVEL 1 and LEVEL 2: One NCEA Level 1 and One NCEA Level 2 Achievement Standard: **9 credits**

PREREQUISITES: It is advisable to have completed Year 10 Physical Education to an acceptable standard in terms of attitude and participation.

LEARNING ACTIVITIES: Students will participate in a wide range of team and individual activities including Outdoor Education trips, as well as spending time in the classroom learning theoretical concepts including interpersonal skills, training responses, exercise physiology, and anatomy and biomechanics.

Standard	L/N	Title	Level	Int	Ext
AS92016		Apply movement strategies in an applied setting	1	5	
AS91330		Perform a physical activity in an applied setting	2	4	

Subject leads to: PED2U, SPA3U and PED3U.

YEAR 11 HEALTH EDUCATION (11HLT)

LEVEL 1: One NCEA Level 1 Achievement Standard: **5 credits**

PREREQUISITES: It is advisable to have completed Year 10 Health to an acceptable standard. Students who are confident readers and writers will have success in this course.

LEARNING ACTIVITIES: Students will start to develop and apply knowledge related to the underlying concepts of the health curriculum (hauora, attitudes and values, socio ecological perspective and health promotion), in a variety of mental health, relationships and sexuality and food and nutrition contexts. The assessment gives students the opportunity to learn about a variety of health models and understand wellbeing through the application of a chosen model.

Standard	L/N	Title	Level	Int	Ext
AS92008		Demonstrate understanding of wellbeing through the application of a model of health	1	5	

Subject leads to: HLT2U and HLT3U.

YEAR 12 PHYSICAL EDUCATION (PED2U)

LEVEL 2: NCEA Level 2 Achievement Standard: **20 credits**

PREREQUISITES: It is advisable to have completed 11PED to an acceptable standard; otherwise students will need to gain permission from the HOF to do this course.

LEARNING ACTIVITIES: This course provides you with opportunities to participate, coach and teach sporting activities to small groups and teams. You will also learn about social responsibilities, develop confidence in team building activities, and apply risk management strategies in Outdoor Education settings. Each assessment is a Level 2 achievement standard and requires written work, class time, learning and writing notes.

Standard	R/W	Title	Level	Int	Ext
AS91329		Demonstrate understanding of the application of biophysical principles to training for physical activity	2	4	
AS91330		<i>Perform a physical activity in an applied setting (optional reassessment from level 1)</i>	2	4	
AS91332		Evaluate leadership strategies that contribute to the effective functioning of a group	2	4	
AS91333		Analyse the application of risk management strategies to a challenging outdoor activity	2	3	
AS91334		Consistently demonstrate social responsibility through applying a social responsible model in physical activity	2	3	
AS91335		Examine the implication and outcome(s) of a physical activity event or opportunity	2	3	
AS91336		Analyse group processes in physical activity	2	3	

Subject leads to: PED3U, SPA3U, Tertiary courses in Sport, Outdoor and Physical Education.

YEAR 12 HEALTH (HLT2U)

LEVEL 2: NCEA Level 2 Achievement Standards: **19 credits**

PREREQUISITES: It is advisable to have completed 11HLT to an acceptable standard, otherwise students will need to gain permission from the HOF to do this course.

LEARNING ACTIVITIES: Students will continue to develop their knowledge on issues that influence adolescent health related to relationships and sexuality and mental health, and look in-depth at interpersonal issue(s) that place personal safety at risk (situations with power imbalances including; discrimination, intimidation, victimisation, harassment and bullying), the importance of resiliency in everyday life and strategies to promote wellbeing. Students will investigate media advertising and other factors that influence how we perceive male and female gender in society and must be prepared to help organise and run a school wide health promotion event.

Standard	R/W	Title	Level	Int	Ext
AS91236		Evaluate factors that influence people's ability to manage change	2	5	
AS91237		Take action to enhance an aspect of peoples well-being within the school or wider community	2	5	
AS91238		Analyse an interpersonal issue(s) that places personal safety at risk	2		4
AS91239		Analyse issues related to sexuality and gender to develop strategies for addressing the issues	2	5	

Subject leads to: HLT3U.

YEAR 13 PHYSICAL EDUCATION (PED3U)

LEVEL 3: NCEA Level 3 Achievement Standards: **19 credits**

PREREQUISITES: This subject is a University Entrance subject. It is advisable to have completed PED2U to an acceptable standard, otherwise students will need to gain permission from the HOF to do this course.

LEARNING ACTIVITIES: This course comprises of a number of Level 3 Achievement Standards which requires considerable written work. Key areas of focus are fitness programme planning and review, safety management in the outdoors, analysing and performing a physical skill, and a critical evaluation on personal physical activity experiences.

Standard	R/W	Title	Level	Int	Ext
AS91498		Evaluate physical activity experiences to devise strategies for lifelong well-being	3	4	
AS91499		Analyse a physical skill performed by self or others	3	3	
AS91500	4R	Evaluate the effectiveness of a performance improvement programme	3	4	
AS91501		Demonstrate quality performance of a physical activity in an applied setting	3	4	
AS91504	3R	Analyse issues in safety management for outdoor activity to devise safety management strategies	3	3	

Subject leads to: Tertiary courses in Outdoor and Physical Education at Auckland University of Technology and MIT (Manukau Institute of Technology).

LEVEL 3 HEALTH (HLT3U)

LEVEL 3: NCEA Level 3 Achievement Standards: **19 credits**

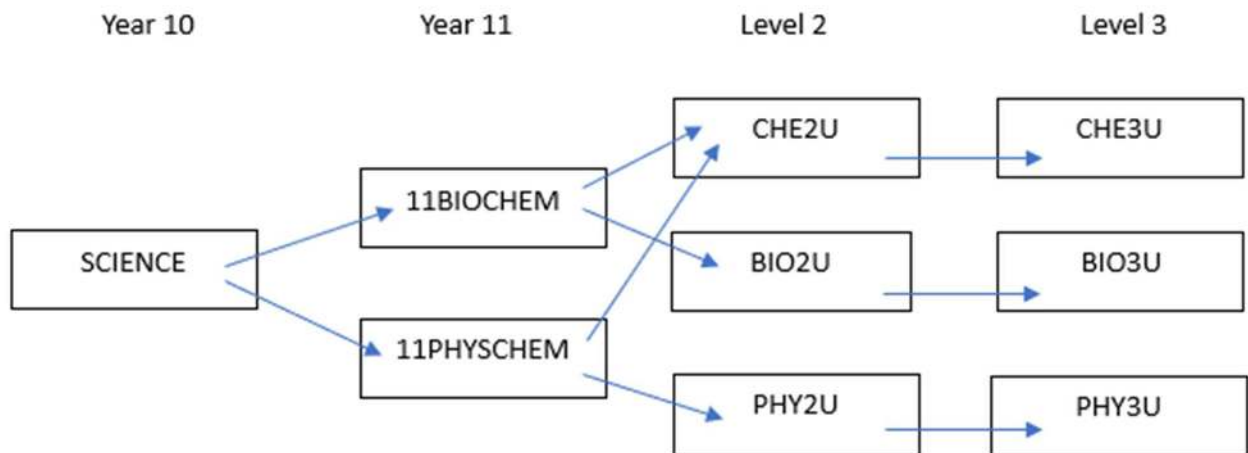
PREREQUISITES: This subject can lead to Health Science at University and other pre-degree programmes and is a University Entrance subject. It is advisable to have completed HLT2U to an acceptable standard, otherwise students will need to gain permission from the HOF to do this course.

LEARNING ACTIVITIES: Students will continue to develop and apply their knowledge on issues that affect adolescent health in New Zealand society. Students will need to be able to express themselves well in all written work and have excellent research skills as they be will focussing on; the effect of methamphetamine use in New Zealand society, western medicine and holistic treatments to cure a health issue and finally analysing a contemporary ethical dilemma (including euthanasia, abortion, IVF) in relation to wellbeing, and models of health promotion.

Standard	R/W	Title	Level	Int	Ext
AS91461	5R	Analyse a New Zealand health issue	3	5	
AS91465	5B	Evaluate models for health promotion	3		5
AS91463	5R	Evaluate health practices currently used in NZ	3	5	
AS91464	4R	Analyse a contemporary ethical issue in relation to well-being	3	4	

Subject leads to: Tertiary Health Science fields at Auckland University of Technology (AUT) and Auckland and Otago University.

SCIENCE



YEAR 11 SCIENCE

PREREQUISITES: None

LEARNING ACTIVITIES: We are offering two Year 11 Science courses that focus on building Scientific knowledge for year 12 and 13 Science. 11BioChem is focused on Biology and Chemistry that will give students foundation knowledge for BIO2U and CHE2U. 11PhysChem is focused on Physics and Chemistry which will prepare students for PHY2U and CHE2U. You can elect one or both courses. It is imperative that students who wish to take Science in L2 or L3, must take at least one of these courses.

ENRICHMENT ACTIVITIES: Guest speakers and STEM trips on offer.

11BIOCHEM (11SBC)

Standard	L/N	Title	Level	Int
AS 92021		Demonstrate understanding of chemical reactions in context	1	6
AS 91920	L	Demonstrate understanding of a science-informed response to a local issue	1	5 (lit)

11PHYSICHEM (11SPC)

Standard	L/N	Title	Level	Int
AS 92045		Demonstrate understanding of a physical phenomenon through investigation	1	5
AS 91911		Carry out an investigation into chemical species present in a sample using qualitative analysis	2	3
AS 91920	L	Demonstrate understanding of a science-informed response to a local issue	1	5 (lit)

BIOLOGY (BIO2U)

LEVEL 2: NCEA Level 2 Achievement Standards: **19 Credits**

PREREQUISITES: Achieved internals in Level 1 Science or with the approval of the HOD.

LEARNING ACTIVITIES: This course starts off by students investigating a pattern in a local ecological context (the rocky shore community at Long Bay Beach). During this time, students develop important scientific skills such as making observations, identifying patterns, collecting and interpreting data, explaining findings and linking findings to biological concepts. During the rest of the year, students will develop the skills to write scientific reports through carrying out investigations and research assessments. By studying biology, students can expect to have a foundational understanding of cellular processes and genetic variation, two broad topics which are further narrowed down in level 3 Biology. Students should consider studying biology if they are interested in a career pathway in healthcare, scientific research, sustainability or conservation.

COURSE TRIP: Long Bay Beach

ENRICHMENT ACTIVITIES: Guest speakers, STEM Careers Fair, NZ International Biology Olympiad

Standard	L/N	Title	Level	Int	Ext
AS 91158		Investigate a pattern in an ecological community.	2	4	
AS 91155		Demonstrate understanding of adaptation of plants or animals to their way of life	2	3	
AS 91153		Carry out a practical investigation in a biology context, with supervision	2	4	
AS 91157	4W	Demonstrate an understanding of genetic variation and change	2		4
AS 91156	4W	Demonstrate an understanding of life processes at the cellular level	2		4

Subject leads to: Biology Level 3U

CHEMISTRY (CHE2U)

Level 2: NCEA Level 2 and 3 Achievement standards: **19 Credits**

PREREQUISITES: At least 12 credits in 11SBC OR 11SPC or with approval of the HOD

LEARNING ACTIVITIES: Chemistry is a two year program that works toward gaining University entrance. Year 12 is based on organic chemistry. All achievement standards are linked to organic compounds and reactions. Chemistry is an essential subject for careers in health including pharmacy, engineering, environmental monitoring, food technology and many other jobs. Chemistry is often referred to as the central science because it joins together physics and mathematics, biology and medicine, and the earth and environmental sciences.

ENRICHMENT ACTIVITIES: Guest speakers and STEM trips on offer.

Standard	L/N	Title	Level	Int	Ext
AS 91910		Carry out a practical investigation into a substance present in a consumer product using quantitative analysis.	2	4	
AS 91163		Demonstrate understanding of the chemistry used in the development of a current technology.	2	3	
AS 91388		Demonstrate an understanding of spectroscopic data in chemistry.	3	3	
AS 91165		Demonstrate an understanding of the properties of selected organic compounds.	2		4
AS 91391		Demonstrate an understanding of the properties of selected organic compounds.	3		5

Subject leads to: CHE3U

PHYSICS (PHY2U)

LEVEL 2: NCEA Level 2 Achievement Standards: **17 Credits**

PREREQUISITES: At least 12 credits in 11SPC/11SBC or at the discretion of the HOD.

RECOMMENDED: to take MAT2U

LEARNING ACTIVITIES: In this course we will use calculations, theory and practical experiments to understand the basics of the universe. The program is a mixture of hands-on internal assessments and external exams focussing on waves and mechanics. Students who enjoy maths and problem-solving will thrive in this subject. Taking Physics (alongside maths) leads to careers in engineering, data science and the medical field.

ENRICHMENT ACTIVITIES: Robotics club, EPRO8, Women in Engineering Buddy Programme

Standard	R/W	Title	Level	Int	Ext
AS 91168		Carry out a practical physics investigation that leads to a nonlinear mathematical relationship	2	4	
AS 91169		Demonstrate understanding of physics relevant to a selected context	2	3	
AS 91170		Demonstrate understanding of waves	2		4
AS 91171		Demonstrate understanding of mechanics	2		6

Subject leads to: PHY3U

BIOLOGY (BIO3U)

LEVEL 3: NCEA Level 3 Achievement Standards: **19 Credits**

PREREQUISITES: At least 11 credits in Biology NCEA Level 2 or with the approval of the HOD.

LEARNING ACTIVITIES: The course aims to provide a sound knowledge of responses of plants and animals to their external environment, human evolution, homeostasis, and its biological implications. There is also a practical component where students will be investigating one of the contexts they learn in the animal and plant external in more detail. It will also strengthen your report writing skills needed at tertiary level.

COURSE TRIPS: Auckland Zoo for Human Evolution lecture.

ENRICHMENTS ACTIVITIES: Work experience opportunities at local hospital, Guest speakers, Metagenomics Day, Biology Scholarship NZ International Biology Olympiad.

Standard	R/W	Title	Level	Int	Ext
AS91601		Carry out a practical investigation in a biological context, with guidance	3	4	
AS91602	3R	Integrate biological knowledge to develop an informed response to a socio-scientific issue	3	3	
AS91603	5B	Demonstrate an understanding of the responses of plants and animals to their external environment	3		5
AS91604	3R	Demonstrate an understanding of how an animal maintains a stable internal environment	3		3
AS91606	4B	Demonstrate an understanding of trends in human evolution	3	3	

Subject leads to: - University Study

CHEMISTRY (CHE3U)

LEVEL 3: NCEA Level 2 (3credits) and NCEA Level 3 achievement standards (11 credits)

PREREQUISITES: At least 12 credits in NCEA Level 2 Chemistry or with the approval of the HOD. Note that students who **did not take CHE2U will not be able to gain UE in CHE3U**.

LEARNING ACTIVITIES: Chemistry is in our lives almost everywhere and every day. In medicine, the clothes we wear and the games we play, as well as the industries that make the things we use. The periodic table and simple compounds are covered as well as the basics of chemistry. The course covers inorganic chemistry such as: atomic structure, thermochemical principles and redox.

COURSE TRIPS:

ENRICHMENT ACTIVITIES: STEM related field trips, guest speakers and science lectures.

Standard	R/W	Title	Level	Int	Ext
AS 91167		Demonstrate an understanding of oxidation-reduction processes	2	3	
AS 91393		Demonstrate an understanding of oxidation-reduction processes	3	3	
AS91389	3B	Demonstrate an understanding of the chemical processes in the world around us	3	3	
AS 91391		Demonstrate an understanding of thermochemical principles and the properties of particles and substances	3		5

Subject leads to: University study

PHYSICS (PHY3U)

LEVEL 3: NCEA Level 3 Achievement Standards: **17 Credits**

PREREQUISITES: At least 10 credits in NCEA Level 2 Physics or with the approval of the HOD

RECOMMENDED: to take CAL3U

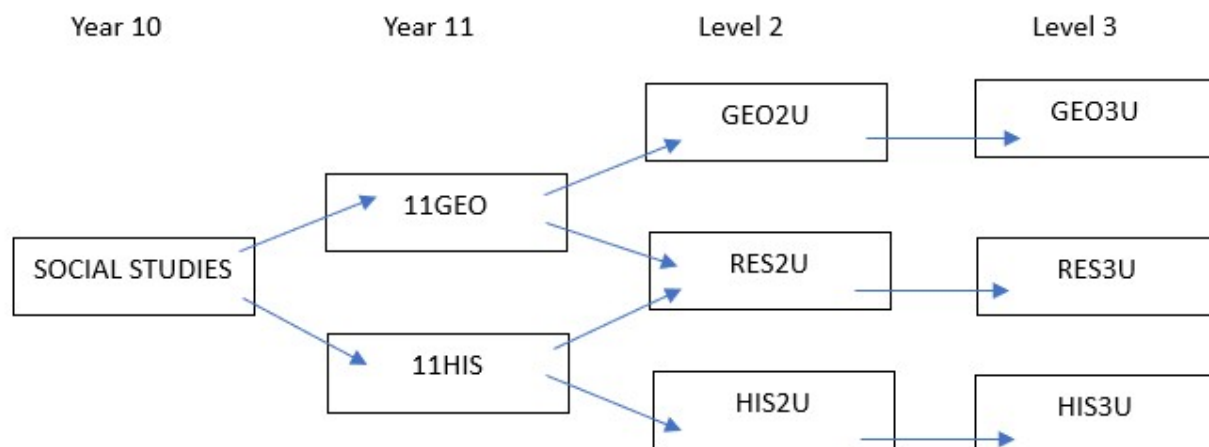
LEARNING ACTIVITIES: This course builds on the concepts from level 2 Physics, covering Waves and Mechanics in greater depth. Again, strong maths and problem-solving skills are required to be successful. We will also explore some exciting developments in 20th century quantum Physics, as well as continuing to develop practical investigation skills. Level 3 Physics is a pre-requisite for any kind of University engineering course.

ENRICHMENT ACTIVITIES: Robotics Club, Women in Engineering Buddy Programme, EPro8, Enginuity Day, Waikato Uni Experience Engineering Day

Standard	Title	Level	Int	Ext
AS 91521	Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship	3	4	
AS 91523	Demonstrate an understanding of wave systems	3		4
AS 91524	Demonstrate an understanding of mechanical systems	3		6
AS 91525	Demonstrate an understanding of modern physics	3	3	

Subject leads to: University study

SOCIAL SCIENCES



GEOGRAPHY (11GEO)

LEVEL 1: - NCEA Level 1, three assessments 15 credits that work towards the alternative pathway for the literacy and numeracy co-requisites.

PREREQUISITES: None but having passed the Social Studies 1.1 inquiry in Year 10 will be of benefit.

LEARNING ACTIVITIES: Geography is the study of the environment as the home of people. Year 11 Geography covers a range of topics including: extreme natural events focussing on the global distribution of volcanoes, geographic challenges in Aotearoa and the Pacific, including child poverty, sustainable tourism in the Maldives and sea level rise and the impact of Pacific communities. Students also will complete a research project looking at micro-climates at Otahuhu College. Possible field trip TBC

Standard	L/N	Title	Level	Credits	
				Int	Ext
AS91932	L	Demonstrate understanding of the spatial distribution of phenomena and its impacts within te taiao	1	5	
AS91933	N	Explore an environment using data	1	5	
AS91935	L	Demonstrate understanding of decision-making in response to a geographic challenge in the wider Pacific region	1		5

Subject leads to: Level 2 and Level 3 Geography and University study. This is a University approved course.

GEOGRAPHY (GEO2U)

LEVEL 2: NCEA Level 2 Achievement Standards: **14 Credits**

PREREQUISITES: 10 or more credits in Level 1 Geography or HOD approval. Recommend for those starting as a new subject that they have strong literacy foundation. This course is a very literacy rich and a demanding subject.

LEARNING ACTIVITIES: This course follows on from themes and concepts in Level 1 Geography and will cover a range of topics: Issues within our communities. Students will be studying the impact of shopping malls on surrounding areas, Chicago homicide rates, the cost of housing in Auckland, the global pattern of Malaria, tropical rainforests and looking at the Amazon Basin. There are two field trips scheduled around Westfield Newmarket and the Auckland Zoo. Approximate costs are \$30.

Standard	L/N	Title	Level	Credits	
				Int	Ext
AS91240	4R	Demonstrate geographic understanding of a large natural environment	2		4
AS91241		Demonstrate Geographic understanding of an urban pattern	2	3	
AS91246		Explain aspects of a Geographic topic at a global scale	2	3	
AS91245		Explain aspects of a contemporary New Zealand geographic issue	2	3	
AS91244		Conduct geographic research with guidance	2	5	

Subject leads to: - - Level 3 Geography. This is a University approved subject.

GEOGRAPHY (GEO3U)

LEVEL 3: NCEA Level 3 Achievement Standards: **16 Credits**

PREREQUISITES: - 14 or more credits in Level 2 Geography or HOD approval. Recommend for those starting as a new subject that they have strong literacy foundation. This course is a very literacy rich and a demanding subject.

LEARNING ACTIVITIES: This course builds on concepts taught in Level 2 Geography and focuses on several topics. Students will learn about the issue of human trafficking, tropical coral reefs, the planning process of events focussing on the Chinese Lantern Festival held in February each year, tourism development in Auckland and Samoa. There is a field trip scheduled to Queen St, SkyTower, a harbour cruise around Auckland CBD. Approximate costs will be \$45.

Standard	L/N	Title	Level	Credits	
				Int	Ext
AS91428	3R	Analyse a significant contemporary event from a geographic perspective	3	3	
AS91431	3R	Analyse aspects of a contemporary geographic issue	3	3	
AS91432	3R	Analyse aspects of a geographic topic at a global scale	3	3	
AS91430		Conduct geographic research with consultation	3	5	
AS91427	4B	Demonstrate understanding of how a cultural process shapes geographic environment(s)	3		4
AS91429	4B	Demonstrate understanding of a given environment(s) through selection and application of geographic concepts and skills	3		4

Subject leads to: - University study. This is a university approved course.

HISTORY (11HIS)

LEVEL 2: NCEA Level 2 Achievement Standards: **14 Credits**

PREREQUISITES: None

LEARNING ACTIVITIES: Year 11 History follows on from year 10 Social Studies, preparing students for the learning that will be required of them to achieve in Year 12 and Year 13. Gaining NCEA Level 2 History credits in Year 11 allows for more in-depth and engaging learning for students and fosters a future-focused learning environment. Year 11 History's theme is Human Rights with a focus on the 1981 Springbok tour protests and the Civil Rights movement in the USA. Possible field trips.

Standard	L/N	Title	Level	Credits	
				Int	Ext
AS91231	4R	Carry out an inquiry of an historical event or place that is of significance to New Zealanders	2	4	
AS91230	5R	Examine an historical event or place that is of significance to New Zealanders	2	5	
AS91233	5B	Examine causes and consequences of a significant historical event	2		5

Subject leads to: Level 2 and Level 3 History and University study. This is a university approved course.

HISTORY (HIS2U)

LEVEL 2 and Level 3:

- NCEA Level 2 Achievement Standards: **5 Credits**
- NCEA Level 3 Achievement Standards: **11 Credits**

PREREQUISITES: - 10 or more credits in 11HIS or HOD approval. Recommend for those starting as a new subject that they have strong literacy foundation. This course is a very literacy rich and a demanding subject.

LEARNING ACTIVITIES: This course follows on from the concepts learnt in Year 11. The remaining NCEA Level 2 credits will be completed and NCEA Level 3 will be introduced to students where they will be given the opportunity to gain credits at both levels. Gaining NCEA Level 2 and NCEA Level 3 History credits in Year 12 allows for more in-depth and engaging learning for students and fosters a future-focused learning environment. Year 12 History's theme is **Conflict** with a focus on the Holocaust, the Israel and Palestine conflict and the Partition of India.

Standard	L/N	Title	Level	Credits	
				Int	Ext
AS91234	5B	Interpret different perspectives of people in an historical event that is of significance to New Zealanders	2	5	
AS91438	6B	Analyse the causes and consequences of a significant historical event	3		6
AS91434	5R	Research an historical event or place of significance to New Zealanders, using primary and secondary sources	3	5	

Subject leads to: Level 2 and Level 3 History and University study. This is a University approved course

HISTORY (HIS3U)

LEVEL 3: NCEA Level 3 Achievement Standards: 16 Credits

PREREQUISITES: 14 or more credits in Level 2 History or HOD approval. Recommend for those starting as a new subject that they have strong literacy foundation. This course is a very literacy rich and a demanding subject.

LEARNING ACTIVITIES: This course follows on from the concepts learnt in Year 12. The remaining NCEA Level 3 credits will be completed. Students who are missing the appropriate Level 2 and Level 3 History credits can be given additional assessment opportunities during this year. Year 13 will look at the Treaty of Waitangi, and the Russian Revolution and the Cuban Missile Crisis.

Standard	L/N	Title	Level	Credits	
				Int	Ext
AS91435	5R	Analyse an historical event, or place, of significance to New Zealanders	3	5	
AS91434	5R	Research an historical event or place of significance to New Zealanders, using primary and secondary sources	3	5	
AS91437	5R	Analyse different perspectives of a contested event of significance to New Zealanders	3	5	
AS91438	6B	Analyse the causes and consequences of a significant historical event	3		6

Subject leads to: University study. This is a University approved course.

RELIGIOUS STUDIES (RES2U)

LEVEL 2: NCEA Level 2 Achievement Standard: **24 credits**

PREREQUISITES: 14 or more credits in History, English or HOD discretion

LEARNING ACTIVITIES: Religious Studies is the exploration of various religious traditions through a neutral and respectful framework. In an increasingly connected world, it is important for students to have knowledge of different belief systems and how they impact individuals, cultures, and society at large. In this course we will explore the rich history and traditions of the world's major faiths with a focus on Christianity, Judaism, and Islam in year 12. There is also the possibility for field trips.

Standard	R/W	Title	Level	Int
AS90822		Explain how a contemporary social action derives from the ethical principles of a religious tradition	2	6
AS91724		Explain a significant theme in a sacred text within a religious tradition	2	6
AS90823		Explain the key beliefs within two religious traditions in relation to a significant religious question.	2	6
AS90821		Explain the changes in an expression(s) of a religious tradition	2	6

Subject leads to: Level 3 History/Geography/Religious Studies. This is a University approved course.

RELIGIOUS STUDIES (RES3U)

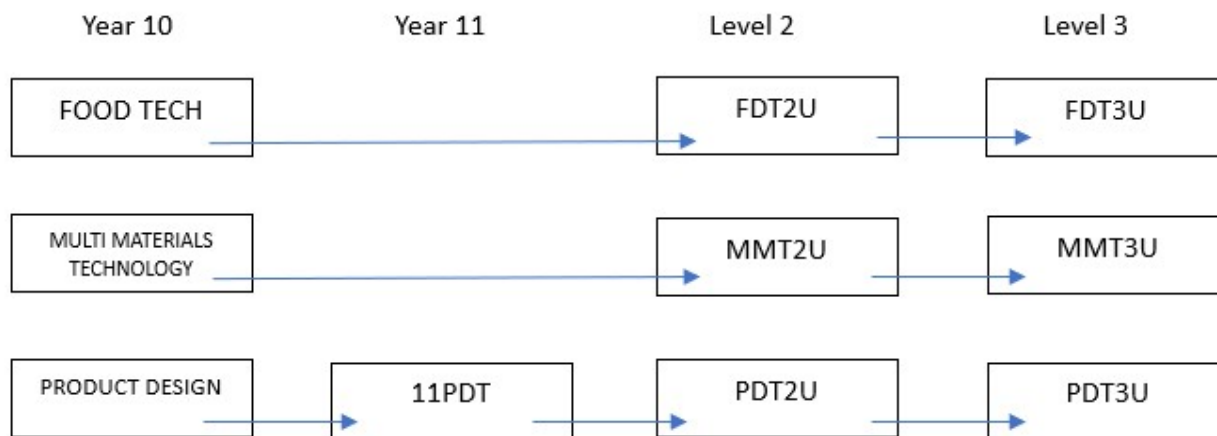
LEVEL 3: NCEA Level 3 Achievement Standard: **24 credits**

PREREQUISITES: 14 or more credits in Religious Studies, History, English or HOD discretion

LEARNING ACTIVITIES: Religious Studies is the exploration of various religious traditions through a neutral and respectful framework. In an increasingly connected world, it is important for students to have knowledge of different belief systems and how they impact individuals, cultures and society at large. In this course we will explore the rich religions in Aotearoa-New Zealand, Marxism/Communism and current ethical issues in society.

Standard	L/N	Title	Level	Int
AS90825		Analyse a religious tradition(s) in Aotearoa New Zealand	3	6
AS90827	6R	Analyse the key beliefs of a religious tradition and a secular world view in relation to ultimate questions	3	6
AS90826	6R	Analyse the response of a religious tradition to a contemporary ethical issue	3	6
AS91725	6R	Analyse the meanings in a sacred text within a religious tradition	3	6

TECHNOLOGY



PRODUCT DESIGN TECHNOLOGY (11PDT)

LEVEL 1: - Otahuhu College Technology Certificate of Achievement

PREREQUISITES: - None, although previous experience in a resistant materials technology course would be an advantage.

COURSE DESCRIPTION:

In this course, students learn how to design and manufacture products by working with various materials (wood, metal, plastics), components, tools, and equipment. They learn about technological development and the design principles involved in traditional and modern manufacturing industry. They learn about characteristics and performance properties of materials through on-going research and how techniques and process through testing and trialling are applied to achieve a high quality functional technological product. Students will also be collaborating with CAD, 3D printing, and Laser Cutting. Assessments in this course are based on a collection of portfolio work. PDT1U Course is the recommended entry into PDT2U and at L3 is a university approved subject.

EQUIPMENT: Technology book pack must be purchased from the bookroom.

HEALTH & SAFETY: Students MUST have closed-covered shoes for all practical classes. Safety glass, dust mask and earmuffs will be provided.

Standard	Title	Level	Credit	
OC 1.1	Undertake brief development to address an issue	1	4	Int
OC 1.2	Undertake effective development to make and trial a prototype	1	6	Int
OC 1.3	Implement advanced procedures to process a specified product.	1	6	Int

FOOD TECHNOLOGY (FDT2U)

LEVEL 2: NCEA Level 2 Achievement Standards: **22 Credits**

PREREQUISITES: Minimum of 6 credits in NCEA Level 1 Technology or at the discretion of the HOD.

LEARNING ACTIVITIES: This course is based on the Technology Curriculum. It is assessed against four Technology Achievement standards. It provides the opportunity for students to gain 22 credits at Level 2. There is no examination; however, three of the Achievement Standards will be assessed internally and the other one will be assessed through external marking. Students will use a technological approach to develop innovative and creative problem-solving skills. Practical skills in a wide range of materials are encouraged along with the learning of techniques and processes. Both practical products and portfolio contribute to assessments. Health and Safety regulations must be followed as per legislation.

EQUIPMENT: Technology book pack must be purchased from the bookroom.

HEALTH & SAFETY: Students MUST have closed-covered shoes and short unpolished nails for all practical classes. Hairnets and an apron will be provided.

Please note: students can choose **BOTH** the Technology options: Multi Materials Technology (MMT2U) and Food Technology (3TEF).

BUT cannot choose Product Design Technology (PDT2U)

Standard	Title	Level	Int	Ext
US13285	Handle and maintain knives in a commercial kitchen	2	2	
US20666	Demonstrate basic knowledge of contamination hazards and control methods used in a food business	2	2	
AS91351	Implement advanced procedures to process a specified product	2	4	
AS91353	Demonstrate understanding of advanced concepts used in preservation and packaging for product storage	2	4	
AS91366	Undertake development and implementation of an effective manufacturing process	2	6	
AS91359	Demonstrate understanding of the role of material evaluation in product development	2		4

MULTI-MATERIALS TECHNOLOGY (MMT2U)

LEVEL 2: NCEA Level 2 Unit Standards: **20 Credits**

PREREQUISITES: HOD approval

COURSE DESCRIPTION: Level 2 Wood Technology is based on the Technology Curriculum and is assessed against three Technology Achievement Standards. It provides the opportunity for Akonga to gain 20 credits at level 2. Three of the internal achievement standards will be assessed internally and one will be externally marked. Students will use a technological approach to develop innovative and creative solving skills. Practical skills in a wide range of materials are encouraged along with the learning of techniques and processes. All achievement standards will be attached to a unit of study on "Outdoor furniture".

EQUIPMENT: Technology book pack must be purchased from the bookroom.

HEALTH & SAFETY: Students MUST have closed-covered shoes for all practical classes. Safety glass, dust mask and earmuffs will be provided.

Please note: students can choose two of the Technology options if they select Multi Materials Technology (MMT2U) **AND, Either** Product Design Technology (PDT2U) **OR** Food Technology (FDT2U).

Standard	Title	Int/Ext	Level	Int
US 24354 (v3)	Demonstrate knowledge of health & safety legislation & apply safe working practices in a BCATS environment	Int	2	4
AS91356 (AS 2.1)	Develop a conceptual design for an outcome	Int	2	6
AS91344 (AS 2.2) [optional]	Implement advanced procedures using resistant materials to make a specified product with special features.	Int	2	6
AS91358 (AS 2.5)	Demonstrate understanding of how technological modelling supports risk management	Ext	2	4

PRODUCT DESIGN TECHNOLOGY (PDT2U)

LEVEL 2: NCEA Level 2 Achievement Standards: **16 Credits**

PREREQUISITES: Preferable to have completed 11PDT and/or HOD Approval.

COURSE DESCRIPTION: In this course, students learn how to design and manufacture products by working with various materials (wood, metal, plastics), components, tools, and equipment. They learn about technological development and the design principles involved in traditional and modern manufacturing industry. They learn about manufacturing processes and techniques to develop manufactured (multi units as well as one off) products while undertaking technological practice. Through on-going research and evaluation, they develop understanding of the role of materials and how to manipulate its capabilities to achieve a high quality functional technological product. Students will also be collaborating with CAD, 3D printing, and Laser Cutting. Assessments in this course are based on a collection of portfolio work. PDT2U is a compulsory course to enter PDT3U and at L3 is a university approved subject.

EQUIPMENT: Technology book pack must be purchased from the bookroom.

HEALTH & SAFETY: Students MUST have closed-covered shoes for all practical classes. Safety glass, dust mask and earmuffs will be provided.

Please note: students can choose **BOTH** the Technology options: Multi Materials Technology (MMT2U) and Product Design Technology (PDT2U).

BUT cannot choose Food Technology (FDT2U).

Standard	Title	Level	Int	Ext
AS91354 – AS 2.1	Undertake brief development to address an issue.	2	4	
AS91357 – AS 2.4	Undertake effective development to make and trial a prototype	2	6	
AS91351 – AS 2.60	Implement advanced procedures to process a specified product.	2	6	

FOOD TECHNOLOGY (FDT3U)

LEVEL 3: NCEA Level 3 Achievement Standard: **22 Credits**

PREREQUISITES: Compulsory US167 and a minimum of 10 credits at Level 2 Food Technology or HOD approval.

LEARNING ACTIVITIES: The course provides students with an opportunity to work through the design process to use informed planning to guide them through the technological process. This will include planning and problem-solving, research, product trials, evaluation, stakeholder consultation and production of food products. Students will be encouraged to explore a range of foods and production processes relating to the issue(s) within the given context. Both practical products and portfolio contribute to assessments. Health and Safety regulations must be followed as per legislation.

EQUIPMENT: Technology book pack must be purchased from the bookroom.

HEALTH & SAFETY: Students MUST have closed-covered shoes and short unpolished nails for all practical classes. Hairnets and an apron will be provided.

Please note: students can choose **only one** from of the following Technology options: Multi Materials Technology (MMT3U), Product Design Technology (PDT3U), and Food Technology (FDT3U).

Standard	Title	Level	Int	Ext
US168	DKO food contamination hazards, and control methods used in a food business	3	4	
AS91608	Undertake brief development to address an issue within a determined context	3	4	
AS91643	Implement complex procedures to process a specified product	3	6	
AS91644	Demonstrate understanding of combined preservation mechanisms used to maintain product integrity	3	4	
AS91617	Undertake a critique of a technological outcome's design	3		4

MULTI- MATERIAL TECHNOLOGY (MMT3U)

LEVEL 3: NCEA Level 3 Achievement Standards: **20 Credits**

PREREQUISITES: 10 or more credits at NCEA Level 2 Technology

COURSE DESCRIPTION: Level 3 Wood Technology is based on the Technology Curriculum and is assessed against four Technology Achievement Standards. It provides the opportunity for Akonga to gain 14 credits at level 2. Three of the internal achievement standards will be assessed internally and one will be externally marked. Students will use a technological approach to develop innovative and creative solving skills. Practical skills in a wide range of materials are encouraged along with the learning of techniques and processes. All achievement standards will be attached to a unit of study on either "Spatial Design "or "Street furniture".

EQUIPMENT: Technology book pack must be purchased from the bookroom.

HEALTH & SAFETY: Students MUST have closed-covered shoes for all practical classes. Safety glass, dust mask and earmuffs will be provided.

Please note: students can choose **only one** from of the following Technology options: Multi Materials Technology (MMT3U), Product Design Technology (PDT3U), and Food Technology (FDT3U).

Standard	Title	Level	Int	Ext
US 24354 (v3)	Demonstrate knowledge of health & safety legislation & apply safe working practices in a BCATS environment	2	4	
AS91608	Undertake brief development to address an issue within a determined context	3	4	
AS91611- - AS 3.4	Develop a prototype considering fitness for purpose in the broadest sense.	3	6	
AS91620 – AS 3.20	Implement complex procedures to integrate parts using resistant materials to make a specified product.	3	6	
AS91612 – AS 3.5	Demonstrate understanding of how technological modelling supports technological development and implementation.	3		4

PRODUCT DESIGN TECHNOLOGY (PDT3U)

LEVEL 3: NCEA Level 3 Achievement Standard: **20 Credits**

PREREQUISITES: Must have completed PDT2U with 14+ Credits and HOD Approval

COURSE DESCRIPTION: In this course, students learn how to design and manufacture products by working with various materials (wood, metal, plastics), components, tools, and equipment. They learn about technological development and the design principles involved in traditional and modern manufacturing industry. They learn about social, environmental, and technical acceptance of products while undertaking technological practice. Through on-going research, testing, trialling and evaluation, they apply their technological knowledge to achieve a high quality functional technological product.

Students will also be collaborating with CAD, 3D printing, and Laser Cutting. PDT3U is a university- approved subject.

Project Options: Electric Kart/trike/cycle, Modern Furniture, Street Furniture or similar.

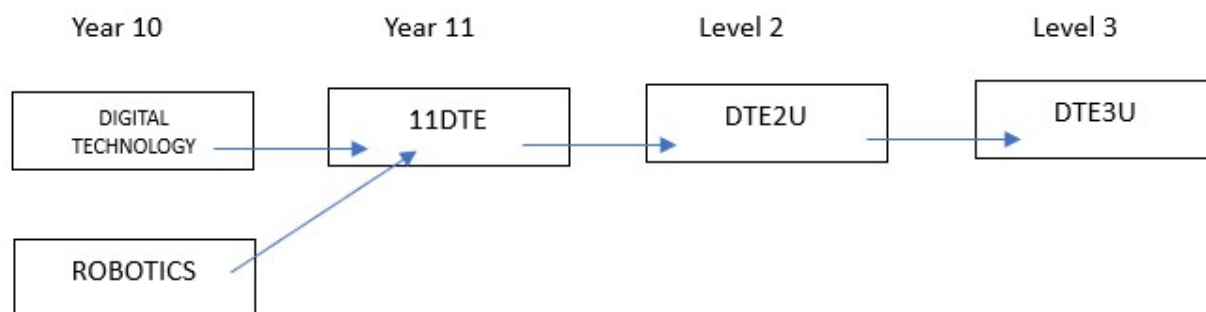
EQUIPMENT: Technology book pack must be purchased from the bookroom.

HEALTH & SAFETY: Students MUST have closed-covered shoes for all practical classes. Safety glass, dust mask and earmuffs will be provided.

Please note: students can choose **only one** from of the following Technology options: Multi Materials Technology (MMT3U), Product Design Technology (PDT3U), and Food Technology (FDT3U).

Standard	Title	Level	Int	Ext
AS 91608 – AS 3.1	Undertake brief development to address an issue within a determined context.	3	4	
AS91611- - AS 3.4	Develop a prototype considering fitness for purpose in the broadest sense.	3	6	
AS91620 – AS 3.20	Implement complex procedures to integrate parts using resistant materials to make a specified product.	3	6	
AS91612 – AS 3.5	Demonstrate understanding of how technological modelling supports technological development and implementation.	3		4

DIGITAL TECHNOLOGY



DIGITAL TECHNOLOGIES AND ROBOTICS (11DTE)

LEVEL 1: - One NCEA Level 1 Achievement Standard: **5 credits (UE) + 4 credits Level 2 (UE)**

PREREQUISITES: - None but Year 10 Robotics or Year 10 Digital Technologies would be an advantage.

LEARNING ACTIVITIES: Digital Technologies are everywhere — from the games you play to the apps you use and the websites you visit. In this course, you'll learn how to design, create, and innovate using the tools that shape the future.

Create in 3D – Model amazing designs in Blender.

Code your own games – Learn programming basics with a focus on video game design.

Design for the web – Build and style websites that are interactive and user-friendly.

Develop mobile apps – Create app prototypes that solve real problems or make life easier.

You'll develop skills that can take you into careers in game design, software development, app creation, and web design. Most importantly, you'll learn to think creatively, solve problems, and bring your ideas to life.

Subject leads to: NCEA Level 2 and Level 3 Digital Technologies

Standard	R/W	Title	Level	Int	Ext
AS992007		Design a digital technologies outcome	1		5
AS91894		Use advanced techniques to develop an electronics outcome	2	4	

DIGITAL TECHNOLOGIES (DTE2U)

LEVEL 2: NCEA Level 2 Achievement Standards: **21 Credits + optional 4 (All credits are UE)**

PREREQUISITES: None, but DTE Level 1 would be an advantage.

LEARNING ACTIVITIES: Level 2 Digital Technologies takes your creativity and technical skills to the next level. You'll work on real projects, explore professional tools, and create digital outcomes that are both functional and impressive. This is where your ideas become real products.

Conduct an inquiry to propose a digital solution: Research, plan, and justify your ideas so they meet real needs — from entertainment to education to solving everyday problems.

Create and use advanced databases: Design and build smart, efficient databases to power apps, manage game data, or store information for websites.

Develop your own games: Learn the process of designing and building video games, from coding gameplay to creating characters and levels.

Model and design in 3D: Produce high-quality 3D models for animations, games, or as sellable assets for other creators worldwide.

Build interactive websites and mobile apps: Create responsive, user-friendly designs that work seamlessly across devices and connect to databases for real functionality.

Turn creativity into income: Explore how to sell your designs, 3D models, game assets, or other digital products online to start earning early passive income.

Standard	R/W	Title	Level	Int	Ext
**AS91890		Conduct an inquiry to propose a digital technologies outcome	2	6	
**AS91894		Use advanced techniques to develop a database	2	4	
AS91891		Apply conventions to develop a design for a digital technologies outcome	2	3	
AS91893		Use advanced techniques to develop a digital media outcome	2	4	
AS91897		Use advanced processes to develop a digital technologies outcome	2	6	
AS91899		Present a summary of developing a digital outcome	2		3

You have the option to take one or both of these standards:

Standard	R/W	Title	Level	Int	Ext
**AS91890		Conduct an inquiry to propose a digital technologies outcome	2	6	
**AS91894		Use advanced techniques to develop a database	2	4	

These skills prepare you for careers in web and app development, digital design, media production, data management, and more. You'll also gain project management, problem-solving, and communication skills that employers value in every industry.

Subject leads to: NCEA Level 3 Digital Technologies

DIGITAL TECHNOLOGIES (DTE3U)

LEVEL 3: NCEA Level 3 Achievement Standard: **21 Credits + 4 optional (All credits are UE)**

PREREQUISITES: Level 1 numeracy and literacy, or HOD approval.

LEARNING ACTIVITIES: Level 2 Digital Technologies is an advantage but not compulsory. Level 3 Digital Technologies is your chance to work like a professional digital creator. You'll research, design, and develop advanced digital solutions while building a portfolio that can open doors to university, tech careers, or your own business ventures.

Conduct a critical inquiry to propose a digital outcome: Research deeply, analyse multiple perspectives, and justify your solution with evidence and insights.

Apply user experience (UX) methodologies: Create designs that are not only functional but also intuitive and enjoyable for users.

Use complex databases: Develop advanced database systems to power websites, apps, games, or business tools.

Create high-level digital media: Produce professional graphics, animations, videos, or interactive experiences using complex digital media techniques.

Develop in 3D and for games: Model detailed 3D environments or game assets and integrate them into interactive projects.

Build connected websites and mobile apps: Combine databases, UX principles, and advanced coding to deliver fully functional, responsive digital solutions.

Explore digital entrepreneurship: Learn how your designs, apps, 3D models, or game assets can be sold online to generate passive income.

Deliver complete digital solutions

Manage an end-to-end project, — from research and design to development, testing, and presentation.

Standard	R/W	Title	Level	Int	Ext
**AS91900		Conduct a critical inquiry to propose a digital outcome	3	6	
AS91901		Apply user experience methodologies to develop a design for a digital technologies outcome	3	3	
**AS91902		Use complex techniques to develop a database	3	4	
AS91903		Use complex techniques to develop a digital media outcome	3	4	
AS91907		Use complex processes to develop a digital technologies outcome	3	6	
AS91909		Present a summary of developing a digital outcome	3		3

You have the option to take on or both of these standards:

Standard	R/W	Title	Level	Int	Ext
**AS91900		Conduct a critical inquiry to propose a digital outcome	3	6	
**AS91902		Use complex techniques to develop a database	3	4	

This course gives you advanced skills in design, coding, media production, and data systems — all highly valued in the tech industry. It also develops your ability to manage complex projects, think critically, and create products people will actually use.

If you're considering a career in **engineering, architecture, industrial design, or product development**, Digital Technologies will give you a strong advantage.

3D modelling skills are directly used in CAD software for designing buildings, machines, and prototypes.

Problem-solving and coding are essential in automation, robotics, and simulation work.

Digital media and UX design help communicate complex ideas to clients, stakeholders, or the public.

By learning these skills now, you'll have a head start at university or in apprenticeships, making it easier to adapt to the advanced tools and workflows used by professionals.

2026 Standards with UE Literacy Credits

Year 11

Course	Standard	Internal	External
11HIS	AS91231 2.1 Carry out an inquiry of an historical event or place that is of significance to New Zealanders	4R (L2)	
	AS91230 2.2 Examine an historical event or place that is of significance to New Zealanders	5R (L2)	
	AS91233 2.5 Examine causes and consequences of a significant historical event		5B (L2)

Year 12

Course	Standard	Internal	External
DRA2U	AS91216 2.4 Use complex performance skills associated with a drama or theatre form or period.	4R	
	AS91218 2.6 Perform a Substantial Acting Role in a Scripted Production	5R	
BIO2U	AS91157 2.5 Demonstrate an understanding of genetic variation and change		4W
	AS91156 2.4 Demonstrate an understanding of life processes at the cellular level		4W
ECO2U	AS91225 2.4 Analyse unemployment using economic concepts and models	4R	
	AS91228 2.7 Analyse a contemporary economic issue of special interest using economic concepts and models	4R	
ENG2U	AS91105 2.8 Use information literacy skills to form developed conclusions	4R / L	
	AS91101 2.4 Produce a selection of crafted and controlled writing	6W / L	
	AS91098 2.1 Analyse specified aspect(s) of studied written text(s) supported by evidence		4B / L
	AS91099 2.2 Analyse specified aspect(s) of studied visual and/or oral text(s) supported by evidence		4W / L
LIT2U	AS91105 2.8 Use information literacy skills to form developed conclusions	4R / L	
	AS91100 2.3 Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence		4B
GEO2U	AS91240 2.1 Demonstrate Geographic understanding of a large natural environment		4R
HIS2U	AS91434 3.1 Research an historical event or place of significance to New Zealanders, using sources	5R (L3)	
	AS91234 2.4 Interpret different perspectives of people in an historical event that is of significance to New Zealand	5R	
	AS91438 3.5 Analyse the causes and consequences of a significant historical event		6B (L3)
MAO2U	AS91980 Te Ao Haka 2.1 Explore elements to create a section of Te Ao Haka item	6B	
	AS91981 Te Ao Haka 2.2 Perform a Te Ao Haka item to respond to a local kaupapa	6R	
	AS91984 Te Ao Haka 3. Reflect on a personal journey in a discipline of Te Ao Haka	5B (L3)	

Year 13

Course	Standard	Internal	External
BIO3U	AS91604 3.4 Demonstrate understanding of how an animal maintains a stable internal environment	3R	
	AS91602 3.2 Integrate biological knowledge to develop an informed response to a socio-scientific issue	3R	
	AS91603 3.3 Demonstrate an understanding of the responses of plants and animals to their external environment		5B
	AS91606 3.6 Demonstrate an understanding of trends in human evolution		4B
BUS3U	AS91382 3.4 Develop a marketing plan for a new or existing product	6R	
	AS91383 3.5 Analyse a human resource issue affecting businesses	3R	
CHE3U	AS91389 3.3 Demonstrate an understanding of the chemical processes in the world around us.	3B	
DAN3U	AS91594 3.7 Analyse a dance performance		4W
DRA3U	AS91515 3.4 Select and Use Complex Performance Skills Associated with a Drama Form or Period	4R	
	AS91517 3.6 Perform a substantial acting role in a significant production	5R	
	AS91518 3.7 Demonstrate Understanding of Live Drama Performance		4W
ECO3U	AS91401 3.3 Demonstrate Understanding of Microeconomic Concepts	5R	
	AS91402 3.4 Demonstrate Understanding of Government Interventions to Correct Market Failures	5R	
	AS91399 3.1 Demonstrate Understanding of the Efficiency of Market Equilibrium		4B
ENG3U	AS91479 3.8 Develop an informed understanding of literature/or language using critical texts	4R	
	AS91472 3.1 Respond critically to specified aspects of studied written text(s) supported by evidence		4B
	AS91473 3.2 Respond critically to specified aspects of studied visual or oral text(s), supported by evidence		4W
LIT3C	AS91479 3.8 Develop an informed understanding of literature and/or language using critical texts	4R	
	US22750 Write a crafted text for a specified audience using researched material in English for an academic purpose	6B	
	AS91474 3.3 Respond critically to significant aspects of unfamiliar written texts through close reading supported by evidence		4B
GEO3U	AS91428 3.3 Analyse a significant contemporary event from a geographic perspective	3R	
	AS91432 3.7 Analyse aspects of a geographic topic at a global scale	3R	
	AS91431 3.6 Analyse aspects of a contemporary geographic issue	3R	
	AS91427 3.2 Demonstrate understanding of how a cultural process shapes geographic environment(s)		4B
	AS91429 3.4 Demonstrate understanding of a given environment(s) through selection and application of geographic concepts and skills		4B
HLT3U	AS91461 3.1 Analyse a New Zealand Health Issue	5R	
	AS91464 3.4 Analyse a contemporary ethical issue in relation to well-being	4R	
	AS91463 3.3 Evaluate health practices currently used in NZ	5R	
	AS91465 3.5 Evaluate models for health promotion		5B
HIS3U	AS91435 3.2 Analyse an historical event, or place, of significance to New Zealanders	5R	
	AS91434 3.1 Research an historical or place of significance to New Zealanders using sources	5R	

	AS91437 3.4 Analyse different perspectives of a contested event of significance to New Zealanders	5R	
	AS91438 3.5 Analyse the causes and consequences of a significant historical event		6B
PED3U	AS91500 3.3 Evaluate the effectiveness of a performance improvement programme	4R	
	AS91504 3.7 Analyse issues in safety management for outdoor activity to devise safety management strategies	3R	
RES3U	AS90827 3.4 Analyse the Key Beliefs of a Religious Tradition and a Secular World View in Relation to Ultimate Questions	6R	
	AS90826 3.3 Analyse the Response of a Religious Tradition to a Contemporary Ethical Issue	6R	
	AS91725 3.1 Analyse the meanings in a sacred text within a religious tradition	6R	
MAO3U	AS91985 Te Ao Haka 3.2 Perform three categories within a discipline of Te Ao Haka	5R	
	AS91984 Te Ao Haka 3.1 Reflect on a personal learning journey in a discipline of Te Ao Haka	5B	

