

STRIVE FOR HIGHER THINGS



One Tree Hill
COLLEGE

Senior Course Handbook 2021

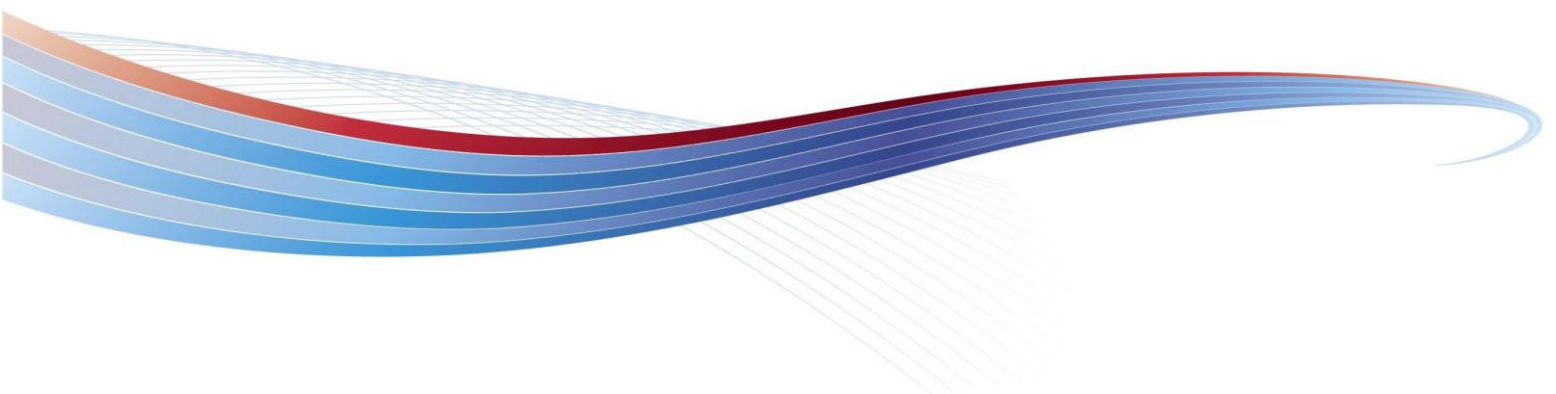


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INTRODUCTION

This Course Handbook provides you with information about the senior courses available at One Tree Hill College.

To choose your courses you should talk to your subject teachers, Curriculum Leaders, Whānau Leaders, Whānau Teachers and Careers Staff to find what subjects are most suitable for you.

Ask yourself:

- *Do I have the ability to study this subject?*
- *Do I enjoy this subject?*
- *Do I have the pre-requisites I need to study this subject?*
- *Is this subject going to help me achieve my goals?*

COMPULSORY SUBJECTS

All Year 11, 12 and 13 students' study FIVE subjects.

YEAR 11/NCEA LEVEL 1

- *English, ESOL or Integrated Studies*
- *Mathematics or Integrated Studies*

YEAR 12/NCEA LEVEL 2

If you are intending to go on to further study at University, English is compulsory at Year 12. Otherwise English is highly recommended, but not compulsory.

YEAR 13/NCEA LEVEL 3

There are no compulsory subjects at Year 13.

However, to achieve the University Entrance qualification you must take at least three University Entrance Approved subjects.

COURSE FEES AND TRIPS

Please note: Some courses have fees for materials. You are expected to pay the fees before being given the course materials. Where courses have trips that have assessment requirements, please be aware that these trips are COMPULSORY.

PREREQUISITES

*There are **prerequisites** for some courses. A prerequisite is the minimum level of achievement that you must have reached, before selecting the course as an option.*

STANDARDS AND ASSESSMENT

STANDARDS are parts of courses. Each standard is assessed, and you can gain **credits**.

Achievement Standards can be assessed:

- internally (assignments in class; assignments for homework; projects; practical tasks) or
- externally (end of year exams or portfolios etc).

Unit Standards are assessed

- internally (assignments in class; assignments for homework; projects; practical tasks) .

- AS = Achievement Standards

- US = Unit Standards

Achievement Standards and Unit Standards are worth **credits**. All of these credits count towards NCEA qualifications. All subjects at each level show the standards that may be included in 2019. You will be given a course outline showing the standards for each subject at the beginning of next year.

NCEA AND UNIVERSITY ENTRANCE

The qualifications students' study towards are:

- NCEA Level One
- NCEA Level Two
- NCEA Level Three
- University Entrance

The requirements for these qualifications are detailed on pages six and seven.

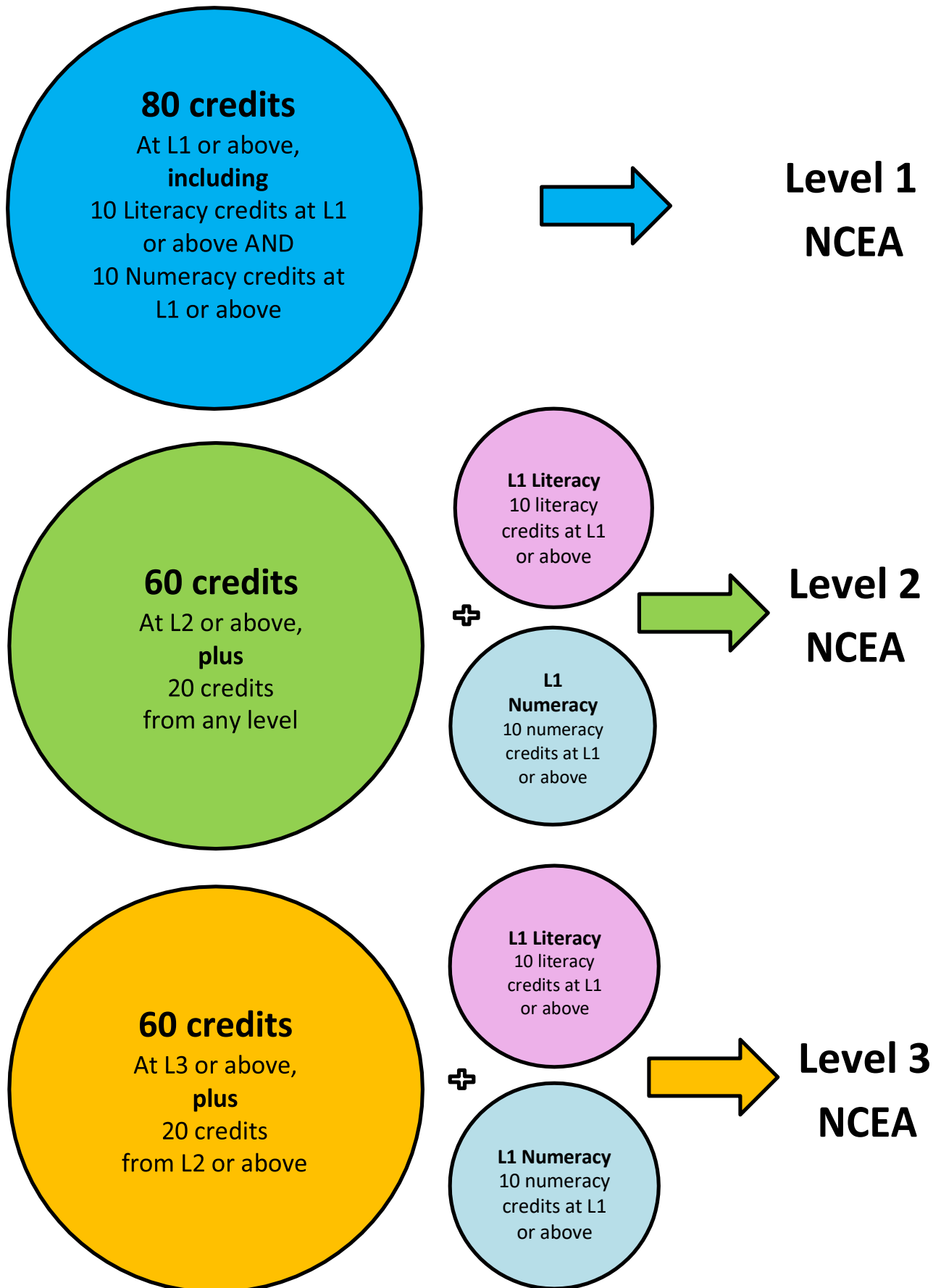
GATEWAY WORK EXPERIENCE PROGRAMME

The Gateway Programme is an exciting opportunity for a student to investigate or broaden their future career options by integrating school-based learning with structured learning in the workplace. Students attend a workplace one day a week for approximately 10 weeks, where they gain hands-on practical skills, as well as having their learning in the workplace assessed against up to 20 NZQA standards. Gateway is not a classroom-based subject.

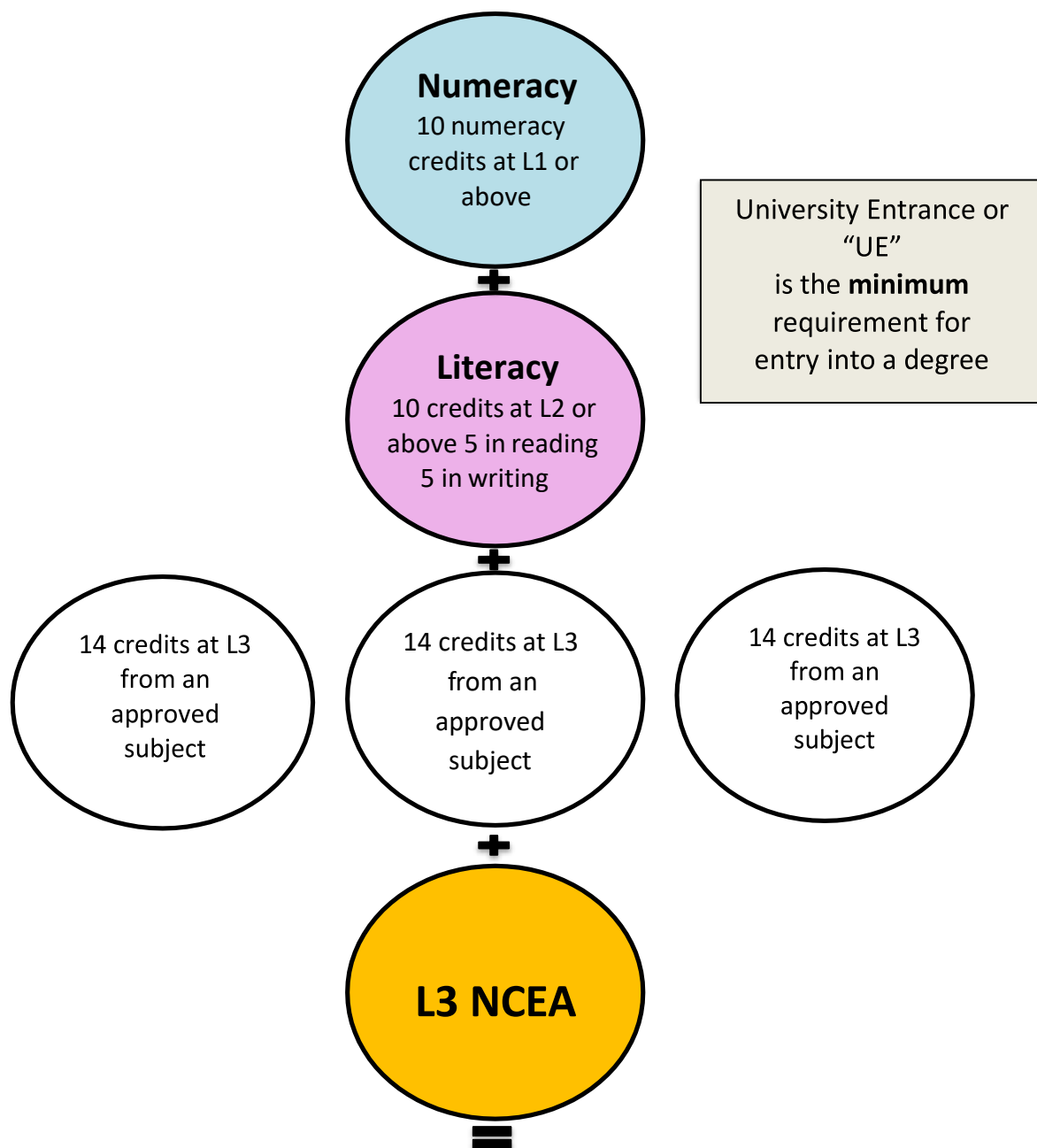
Students with an excellent attendance record and Level 1 Literacy and Numeracy will be selected into this programme, based on a successful interview with our Gateway Coordinator.

Applications are now open for next year. Please see our Careers Centre for an application pack.

How do I achieve Level 1, 2 and 3 NCEA?



How do I achieve University Entrance?



University Entrance

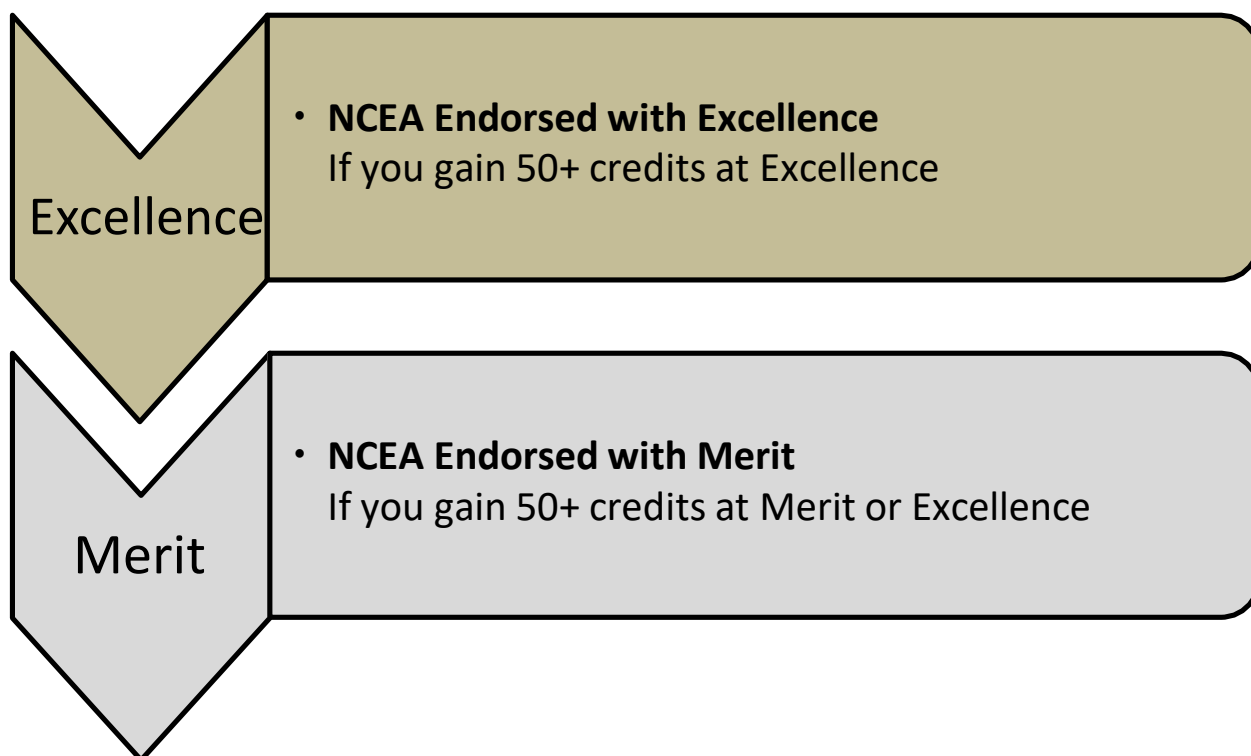
One Tree Hill College – Level 3 Approved Subjects List

Accounting
Art Design
Art Painting
Art Photography
Biology
Business Studies
Calculus
Chemistry
Dance

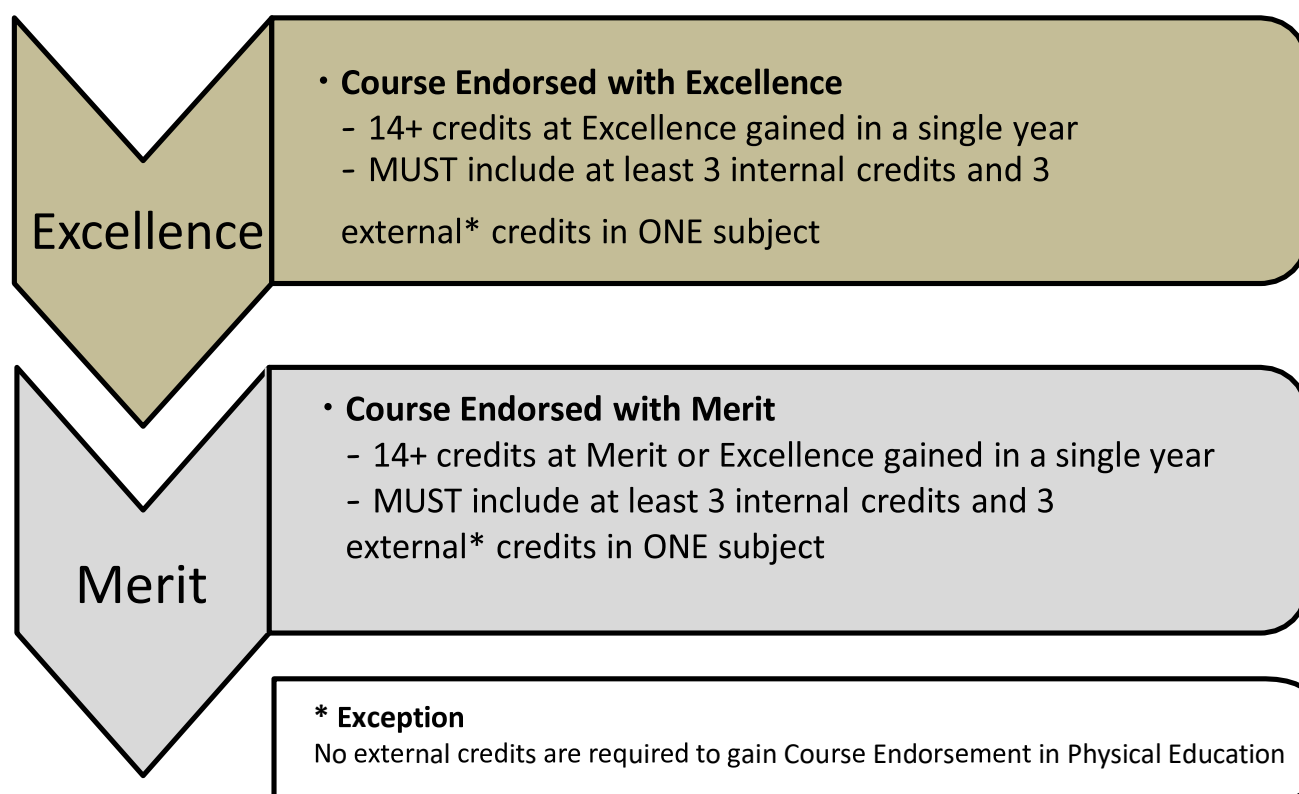
Design & Visual Communication
Digital Technologies
Drama
Economics
English
Food Technology
Geography
Health
History

Media Studies
Music
Physical Education
Physics
Product Design
Statistics
Te Reo Māori

How do I achieve NCEA Level Endorsement?



How do I achieve NCEA Course Endorsement?



2021 SUBJECTS

c Compulsory Subject * University Approved Subject

	Y9	Y10	Y11	Y12	Y13
ART	Art	Art	Art	Art Painting	Art Painting*
				Art Design	Art Design*
				Art Photography	Art Photography*
DIGITAL TECHNOLOGIES	Digital Technologies	Digital Technologies	Digital Technologies	Digital Technologies	Digital Technologies*
			Computing	Computing	Computing
DANCE	Dance	Dance	Dance	Dance	Dance*
DRAMA	Drama	Drama	Drama	Drama	Drama*
ENGLISH	English c	English c	English c	English	English*
ENGLISH LANGUAGE FOUNDATION & LEARNING	English Language Foundation	English Language Foundation	English Language Foundation	English Language Foundation	English Language Foundation
		English Language Learners	English Language Learning	English Language Learning	English Language Learning
INTEGRATED STUDIES			Integrated Studies	Integrated Studies	Integrated Studies
JAPANESE	Japanese	Japanese			
MATHS	Mathematics c	Mathematics c	Mathematics 1 & 2	Mathematics 1 & 2	Statistics*
			Mathematics Numeracy		Calculus*
MUSIC	Music	Music	Music	Music	Music*
PHYSICAL EDUCATION	Health c	Health c	Health	Health	Health*
	Health and Wellbeing	Health and Wellbeing			
	Physical Education c	Physical Education c	Physical Education	Physical Education	Physical Education*
			Physical Education & Sport	Physical Education & Sport	Physical Education & Sport
SCIENCE	Science c	Science c	Science	Biology	Biology*
				Chemistry	Chemistry*
			Additional Science	Physics	Physics*

2021 SUBJECTS CONT.

	Y9	Y10	Y11	Y12	Y13
SPANISH	Spanish				
SOCIAL SCIENCES (incl COMMERCE)	Social Studies c	Social Studies c	Geography	Geography	Geography*
			History	History	History*
			Sociology	Sociology	Sociology
				Pacific Studies	Pacific Studies
				Travel & Tourism Academy	Travel & Tourism Academy
	Commerce	Commerce	Accounting	Accounting	Accounting*
			Business Studies	Business Studies	Business Studies*
			Economics	Economics	Economics*
SPORT PERFORMANCE	Football Netball	Football Netball			
TE REO MĀORI	Te Reo Māori	Te Reo Māori	Te Reo Māori	Te Reo Māori	Te Reo Māori *
TECHNOLOGY	Design & Visual Communication	Design & Visual Communication	Design & Visual Communication	Design & Visual Communication	Design & Visual Communication*
	Food Technology	Food Technology	Food Technology and Hospitality	Food Technology	Food Technology*
				Hospitality	Hospitality
	Product Design	Product Design	Product Design	Product Design	Product Design*
			Carpentry	Carpentry	
	Media Studies	Media Studies	Media Studies	Media Studies	Media Studies*
SPECIALIST TRAINING (Years 12 and 13) One or two days per week learning trades at MIT campuses Entry by interview only			AUTOMOTIVE ENGINEERING (Y12)		
			CARPENTRY FULL-YEAR (Y12)		
			CARPENTRY HALF-YEAR (Y12)		
			ELECTRICAL HALF-YEAR (Y12)		
			EARLY CHILDHOOD EDUCATION (Y12)		
			ENGINEERING CAD (Y12)		
			AUTOMOTIVE (Y13)		
			CONSTRUCTION (Y13)		
			EARLY CHILDHOOD EDUCATION (Y13)		
GATEWAY (Years 12 and 13) Up to 10 week work experience programme Entry by interview only			AVIATION		
			BANKING		
			CUSTOMER SERVICES/HOSPITALITY		
			LOGISTICS/FREIGHT		
			RETAIL		
			SPORTS		
			SECURITY		

	Y9	Y10	Y11	Y12	Y13
ART	Art	Art	Art	Art Design	Art Design*
				Art Painting	Art Painting*
				Art Photography	Art Photography*

LEVEL 1 ART (11ART)**CONTACT: Ms Towns**

Year 11, Level 1

Pre-requisites: Curriculum Leader approval based on achievement in Year 9 and/or Year 10. All students must pay course costs before admittance to this course.

Course Costs: \$50.00; take home component of materials

Course Description: Students learn to think creatively using the art/design process: research, concepts (ideas) and developments. This programme is thematic to allow students to make connections with prior learning. The course is theme based, connecting students with meaningful outcomes appropriate to their social culture and explores how the chosen theme is used in art.

This course is eligible for Course Endorsement.

Total credits: 26

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 90913	Demonstrate understanding of artworks from a Maori and another cultural context using art terminology (1.1)	1	4	Internal	✓	✗
AS 90914	Use drawing methods and skills for recording information using wet and dry media (1.2)	1	4	Internal	✗	✗
AS 90915	Using drawing conventions to develop work in more than one field of practice (1.3)	1	6	Internal	✗	✗
AS 90916	Produce a body of work informed by established practice, which develops ideas, using a range of media (1.4)	1	12	External	✗	✗

LEVEL 2 ART DESIGN (12ADN)**CONTACT: Ms Towns**

Year 12, Level 2

Pre-requisites: Curriculum Leader approval based on achievement at previous level (at least 12 credits required from Level 1 Art or Level 1 Graphics). All students must pay course costs before admittance to this course.

Course Costs: \$40.00; take home component of materials

Course Description: Students develop independent creative thinking using the art/design process: research, concepts (ideas) and developments. This is a single discipline programme using one field to engage student's critical thinking skills in design, focusing on the use of both practical and digital (CAD) processes. The theme encourages students to take responsibility for their own learning and to focus on their own interests.

This course is eligible for Course Endorsement.

Total credits: 24

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
* AS 91305	Demonstrate an understanding of methods and ideas from established practice appropriate to design (2.1)	2	4	Internal	✓	✗	✗	✗
AS 91310	Use drawing methods to apply knowledge of conventions appropriate to design (2.2)	2	4	Internal	✗	✗	✗	✗
AS 91315	Develop ideas in a related series of drawings appropriate to established design practice (2.3)	2	4	Internal	✗	✗	✗	✗
AS 91320	Produce a systematic body of work that shows understanding of art making conventions and ideas within design (2.4)	2	12	External	✗	✗	✗	✗

**Students will be offered at the discretion of the teacher*

LEVEL 3 ART DESIGN (13ADN)**CONTACT: Ms Towns****Year 13, Level 3**

Pre-requisites: Curriculum Leader approval based on achievement at previous level (at least 12 credits required from Art Design, Art Painting, Photography or Graphics). All students must pay course costs before admittance to this course.

Course Costs: \$40.00; take home component of materials

Course Description: Students will develop self-direction and lateral thinking using the art/design process: research, concepts (ideas) and developments. This programme is thematic – students will make connections with their own interests and areas of personal focus based on design and designers that inspire them. They will use both practical hands on design processes combined with digital (CAD) design

This course is eligible for Course Endorsement and is a university approved subject.

Total Credits: 22 (minimum)

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
*AS 91440	Analyse methods and ideas from established design practice (3.1)	3	4	Internal	✓	×	×	×
AS 91445	Use drawing to demonstrate understanding of conventions appropriate to design (3.2)	3	4	Internal	×	×	×	×
AS 91450	Systematically clarify ideas using drawing informed by established design practice (3.3)	3	4	Internal	×	×	×	×
AS 91455	Produce a systematic body of work that integrates conventions and regenerates ideas within design practice (3.4)	3	14	External	×	×	×	×

**Students will be offered at the discretion of the teacher*

LEVEL 2 ART PAINTING (12APA)**CONTACT: Ms Towns****Year 12, Level 2**

Pre-requisites: Curriculum Leader approval based on achievement at previous level (at least 12 credits required from Level 1 Art or Level 1 Graphics). All students must pay course costs before admittance to this course.

Course Costs: \$60.00; take home component of materials

Course Description: Students develop independent creative thinking using the Art process: research, concepts (ideas) and developments. This is multi-disciplinary and uses two different fields to engage students' lateral thinking skills. The theme is chosen by students from a range of genre provided by the teacher to encourage students to take responsibility for their own learning and encourage them to focus on their own interests. Their inspiration will be from the artist and artworks they have chosen to study.

This course is eligible for Course Endorsement.

Total credits: 20 (minimum)

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
*AS 91306	Demonstrate an understanding of methods and ideas from established practice appropriate to painting (2.1)	2	4	Internal	✓	×	×	×
AS 91311	Use drawing methods to apply knowledge of conventions appropriate to painting (2.2)	2	4	Internal	×	×	×	×
AS 91316	Develop ideas in a related series of drawings appropriate to established painting practice	2	4	Internal	×	×	×	×
AS 91321	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting (2.4)	2	12	External	×	×	×	×

**Students will be offered at the discretion of the teacher*

LEVEL 3 ART PAINTING (13APA)

Year 13, Level 3

CONTACT: Ms Towns**8am Class**

Pre-requisites: Curriculum Leader approval based on achievement at previous level (at least 12 credits required from Art Design, Art Painting, Photography or Graphics). All students must pay course costs before admittance to this course.

Course Costs: \$60.00; take home component of materials

Course Description: Students will develop self-direction and lateral thinking using the art/painting process: research, concepts (ideas) and developments. This programme is thematic; students will choose from a range of genre so they can make connections with their own interests and areas of personal focus. From this they will identify and study an artist and artworks of their choice appropriate to their chosen themes.

This course is eligible for Course Endorsement and is a university approved subject.

Total credits: 22 (minimum)

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
*AS 91441	Analyse methods and ideas from established painting practice (3.1)	3	4	Internal	✓	×	×	×
AS 91446	Use drawings to demonstrate understanding of conventions appropriate to painting (3.2)	3	4	Internal	×	×	×	×
AS 91451	Systematically clarify ideas using drawing informed by established painting practice (3.3)	3	4	Internal	×	×	×	×
AS 91456	Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice (3.4)	3	14	External	×	×	×	×

**Students will be offered at the discretion of the teacher*

LEVEL 2 ART PHOTOGRAPHY (12APH)

Year 12, Level 2

CONTACT: Ms Towns

Pre-requisites: Curriculum Leader approval based on achievement at previous level (at least 12 credits required from Level 1 Art or Level 1 Graphics, although the ability to demonstrate skills in conventional drawing is not important). All students must pay course costs before admittance to this course. Students must also have a DSLR - digital camera, any kind/brand, which is **not** included in the course costs.

Course Costs: \$40.00; take home component of materials; additional purchase, DSLR Digital Camera (approximately \$500)

Course Description: Students develop independent creative thinking using digital photography: this includes research, concepts (ideas) and developments. This is a single discipline programme using one field to engage student's critical thinking skills in digital photography, focusing on the use of both manual and digital processes (digital camera and Photoshop). The course encourages students to take responsibility for their own learning and to focus on their own interests.

This course is eligible for Course Endorsement.

Total credits: 20 (minimum)

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
*AS 91307	Demonstrate an understanding of methods and ideas from established practice appropriate to photography (2.1)	2	4	Internal	✓	×	×	×
AS 91312	Use drawing methods to apply knowledge of conventions appropriate to photography (2.2)	2	4	Internal	×	×	×	×
AS 91317	Develop ideas in a related series of drawings appropriate to established photography practice (2.3)	2	4	Internal	×	×	×	×
AS 91322	Produce a systematic body of work that shows understanding of art making conventions and ideas within photography (2.4)	2	12	External	×	×	×	×

**Students will be offered at the discretion of the teacher*

LEVEL 3 ART PHOTOGRAPHY (13APH)

CONTACT: Ms Towns

Year 13, Level 3

Pre-requisites: Curriculum Leader approval based on achievement at previous level (at least 12 credits required from Art Design, Art Painting, Photography or Graphics, although the ability to demonstrate skills in conventional drawing is not important). All students must pay course costs before admittance to this course. Students must also have a DSLR - digital camera, anykind/brand, which is not included in the course costs.

Course Costs: \$40.00; take home component of materials; additional purchase, DSLR Digital Camera (approximately \$500)

Course Description: Students develop independent creative thinking using digital photography: this includes research, concepts (ideas) and developments. This is a single discipline programme using one field to engage student's critical thinking skills in digital photography, focusing on the use of both manual and digital processes (digital camera and Photoshop). The course encourages students to take responsibility for their own learning and to focus on their own interests.

This course is eligible for Course Endorsement and is a university approved subject.

Total credits: 26 (minimum)

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
*AS 91442	Analyse methods and ideas from established photography practice (3.1)	3	4	Internal	×	×	×	×
AS 91447	Use drawing to demonstrate understanding of conventions appropriate to photography.	3	4	Internal	×	×	×	×
AS 91452	Systematically clarify ideas using drawing informed by established photography.	3	4	Internal	×	×	×	×
AS 91457	Produce a systematic body of work that integrates conventions and regenerates ideas within photography.	3	14	External	×	×	×	×
AS 91460	Produce a resolved work that demonstrates purposeful contra of skills appropriate to a visual arts cultural context (3.5)	3	4	Internal	×	×	×	×

** Students will be offered at the discretion of the teacher*

DANCE

DANCE	Y9	Y10	Y11	Y12	Y13
	Dance	Dance	Dance	Dance	Dance*

LEVEL 1 DANCE (11DAN)

CONTACT: Ms Kumar

Year 11, Level 1

Pre-requisites: Curriculum Leader approval based on achievement in Year 10 Dance.

Course Description: Students learn a variety of dance genres, choreographic tools and processes. Students interpret and analyse dance works and perform to audiences.

This course is eligible for Course Endorsement.

Total credits: 28

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 90002	Perform dance sequence (1.2)	1	6	Internal	✗	✗
AS 90005	Demonstrate knowledge of a dance genre or style (1.6)	1	4	External	✓	✗
AS 90858	Compose dance sequences for given briefs (1.1)	1	6	Internal	✗	✗
AS 90859	Demonstrate ensemble skills in a dance (1.3)	1	4	Internal	✗	✗
AS 90860	Demonstrate understanding of the elements of dance (1.4)	1	4	Internal	✓	✗
AS 90861	Demonstrate understanding of a dance performance (1.5)	1	4	External	✓	✗

LEVEL 2 DANCE (12DAN)

CONTACT: Ms Kumar

Year 12, Level 2

Pre-requisites: Curriculum Leader approval based on achievement of at least 12 credits in Level 1 Dance

Course Description: Students learn a variety of dance genres, choreographic tools and processes. Students interpret and analyse dance works and perform to audiences.

This course is eligible for Course Endorsement.

Total credits: 24

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91205	Choreograph a group dance to communicate an intention (2.1)	2	4	Internal	✗	✗	✗	✗
AS 91206	Choreograph a solo dance to communicate an intention (2.2)	2	4	Internal	✗	✗	✗	✗
AS 91207	Perform an ethnic or social dance to communicate understanding of the style (2.3)	2	4	Internal	✗	✗	✗	✗
AS 91208	Perform a theatre dance to communicate understanding of the dance (2.4)	2	4	Internal	✗	✗	✗	✗
AS 91210	Demonstrate understanding of a range of choreographic processes (2.6)	2	4	Internal	✗	✗	✗	✗
AS 91211	Provide an interpretation of a dance performance with supporting evidence (2.7)	2	4	External	✓	✗	✗	✗

LEVEL 3 DANCE (13DAN)**CONTACT: Ms Kumar**

Year 13, Level 3

Pre-requisites: Curriculum Leader approval based on achievement of at least 12 credits in Level 2 Dance

Course Description: Students learn a variety of dance genres, choreographic tools and processes. Students interpret and analyse dance works and perform to audiences. Students at Level 3 will produce original dance performances using individual concepts, choreography, technical aspects and rehearsal procedures.

This course is eligible for Course Endorsement and is a university approved subject.**Total credits: 24**

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91588	Produce a dance to realise a concept (3.1)	3	8	Internal	✗	✗	✗	✗
AS 91590	Perform a solo or duet dance (3.3)	3	4	Internal	✗	✗	✗	✗
AS 91591	Perform a group dance (3.4)	3	4	Internal	✗	✗	✗	✗
AS 91593	Demonstrate understanding of dance performance practices (3.6)	3	4	Internal	✗	✗	✗	✗
AS 91594	Analyse a dance performance (3.7)	3	4	External	✓	✗	✗	✓

DIGITAL TECHNOLOGIES

	Y9	Y10	Y11	Y12	Y13
DIGITAL TECHNOLOGIES	Digital Technologies	Digital Technologies	Digital Technologies	Digital Technologies	Digital Technologies*
			Computing	Computing	Computing

LEVEL 1 DIGITAL TECHNOLOGIES (11DLT)

CONTACT: Ms Kovatcheva

Year 11, Level 1

Pre-requisites: Satisfactory level of achievement in Year 10 DLT

Course Description: Students learn about basic concepts of digital technologies, digital design and the use of the main features and functions of a variety of computer applications to develop digital outcomes.

This course is not eligible for Course Endorsement.

Total credits: 18

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 91877	Develop a proposal for a digital outcome	1	3	Internal	✓	✗
AS 91878	Develop a design for a digital outcome	1	3	Internal	✓	✗
AS 91879	Develop a digital outcome to manage data	1	4	Internal	✓	✗
AS 91880	Develop a digital media outcome	1	4	Internal	✓	✗
US 29776	Use the main features of an HTML editor to create a website	2	4	Internal	✗	✗

LEVEL 2 DIGITAL TECHNOLOGIES (12DLT)

CONTACT: Ms Kovatcheva

Year 12, Level 2

Pre-requisites: Satisfactory level of achievement in Year 11 DLT

Course Description: Students learn about advanced concepts of digital technologies, digital design and the use of advanced procedures to develop digital outcomes.

This course is eligible for Course Endorsement.

Total credits: 21

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91890	Conduct an inquiry to propose a digital technologies outcome	2	6	Internal	✓	✗	✗	✗
AS 91892	Use advanced techniques to develop a database	2	4	Internal	✗	✗	✗	✗
AS 91893	Use advanced techniques to develop a digital media outcome	2	4	Internal	✗	✗	✗	✗
AS 91899	Present a summary of developing a digital outcome	2	3	External	✓	✗	✗	✗
US 29776	Use the main features of an HTML editor to create a website	2	4	Internal	✗	✗	✗	✗

LEVEL 3 DIGITAL TECHNOLOGIES (13DLT)**CONTACT: Ms Kovatcheva**

Year 13, Level 3

Pre-requisites: Good achievement at Year 12 DLT**Course Description:** Students learn about complex concepts of digital technologies and how to implement complex procedures to develop specified digital outcomes.**This course is not eligible for course endorsement but is a university approved subject.****Total credits: 19**

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91900	Conduct a critical inquiry to propose a digital technologies outcome	3	6	Internal	✓	✗	✗	✗
AS 91902	Use complex techniques to develop a database	3	4	Internal	✗	✗	✗	✗
AS 91903	Use complex techniques to develop a digital media outcome	3	4	Internal	✗	✗	✗	✗
US 29788	Develop and evaluate an interactive website for organisational use	3	5	Internal	✗	✗	✗	✗

LEVEL 1 COMPUTING (11CMP)**CONTACT: Ms Kovatcheva/Mrs Davis**

Year 11, Level 1 & 2

Pre-requisites: None**Course Description:** Students learn about basic concepts of computing and the use of the main features and functions of a variety of computer applications for a purpose.**This course is not eligible for Course Endorsement.****Total credits: 16**

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 91878	Develop a design for a digital outcome	1	3	Internal	✓	✗
AS 91880	Develop a digital media outcome	1	4	Internal	✓	✗
US 5946	Use computer technology to create and deliver a presentation from given content	1	3	Internal	✗	✗
US 18734	Create a web page using a template	1	2	Internal	✗	✗
US 18743	Produce a spread sheet from instructions using supplied data	1	2	Internal	✗	✗
US 25659	Create a web page using a mark-up language with a text editor	1	2	Internal	✗	✗

LEVEL 2 COMPUTING (12CMP)**CONTACT: Ms Kovatcheva**

Year 12, Level 2

Pre-requisites: Year 11 Computing/Digital Technologies**Course Description:** Students learn about basic concepts of computing and the use of the main features and functions of a variety of computer applications for a purpose.**This course is not eligible for Course Endorsement.****Total credits: 18**

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
US 29769	Use the main features and functions of a word processing application for a purpose	2	3	Internal	✗	✗	✗	✗
US 29770	Use the main features and functions of a spreadsheet application for a purpose	2	3	Internal	✗	✗	✗	✗
US 29777	Use the main features and functions of a database application to create and test a database	2	3	Internal	✗	✗	✗	✗
US 29774	Use the main features and functions of a desktop publishing application to create documents	2	3	Internal	✗	✗	✗	✗
US 29771	Use the main features and functions of a presentation application for a purpose	2	2	Internal	✗	✗	✗	✗
US 29776	Use the main features of an HTML editor to create a website	2	4	Internal	✗	✗	✗	✗

LEVEL 3 COMPUTING (13CMP)**CONTACT: Ms Kovatcheva**

Year 13, Level 3

Pre-requisites: Year 12 Computing/Digital Technologies**Course Description:** Students learn about the use of main features and functions of a variety of computer applications to provide a solution for organisational use.**This course is not eligible for Course Endorsement.****Total credits: 19**

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Lit	R	W
US 29785	Use a word processing application to integrate images, spreadsheet and database data into documents	3	4	Internal	✗	✗	✗	✗
US 29786	Produce a spreadsheet for organisational use	3	3	Internal	✗	✗	✗	✗
US 29787	Produce and use a database to provide a solution for organisational use	3	3	Internal	✗	✗	✗	✗
US 29792	Use a desktop publishing application to produce documents	3	4	Internal	✗	✗	✗	✗
US 29794	Implement security solutions when using digital tools	3	5	Internal	✗	✗	✗	✗

Y9	Y10	Y11	Y12	Y13
DRAMA	Drama	Drama	Drama	Drama*

LEVEL 1 DRAMA (11DRA)

CONTACT: Mr Stuart

Year 11, Level 1

Pre-requisites: Satisfactory completion of Year 10 Drama or Curriculum Leader approval.

Course Description: Students will work independently to investigate drama styles, work within group context to create and perform drama.

This course is eligible for Course Endorsement.

Total credits: 21

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 90006	Apply drama techniques in a dramatic context (1.1)	1	4	Internal	✓	✗
AS 90997	Devise and perform a drama (1.2)	1	5	Internal	✓	✗
AS 90011	Demonstrate understanding of the use of drama aspects within live performance (1.7)	1	4	External	✓	✗
AS 90998	Demonstrate understanding of features of a drama/theatre form (1.3)	1	4	External	✓	✗
AS 90999	Use features of a drama/theatre form in a performance (1.4)	1	4	Internal	✓	✗

LEVEL 2 DRAMA (12DRA)

CONTACT: Mr Stuart

Year 12, Level 2

Pre-requisites: Curriculum Leader approval based on satisfactory completion of L1 Drama or L1 English.

Course Description: Students will enhance their drama analysis and ability to work independently or within a group context to create and perform drama.

This course is eligible for Course Endorsement.

Total credits: 21

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91213	Apply drama techniques in a scripted context (2.1)	2	4	Internal	✓	✗	✓	✗
AS 91214	Devise and perform a drama to realise an intention (2.2)	2	5	Internal	✓	✗	✗	✗
*AS 91215	Discuss a drama or theatre form or period with reference to a text (2.3)	2	4	External	✓	✗	✓	✓
AS 91216	Use complex performance skills associated with a drama or theatre or period (2.4)	2	4	Internal	✓	✗	✓	✗
AS 91219	Discuss drama elements, techniques, conventions and technologies within live performance (2.7)	2	4	External	✓	✗	✗	✓

**Students will be offered at the discretion of the teacher*

LEVEL 3 DRAMA (13DRA)**CONTACT: Mr Stuart**

Year 13, Level 3

Pre-requisites: 12 credits in Level 2 Drama, or Level 2 English and Curriculum Leader approval.**Course Description:** Students will broaden and further enhance their analysis of drama contexts and work independently to create original drama.**This course is eligible for Course Endorsement and is a university approved subject.****Total credits: 17 (minimum)**

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91512	Interpret scripted text to integrate drama techniques in performance (3.1)	3	4	Internal	✓	✗	✓	✗
AS 91513	Devise and perform a drama to realise a concept (3.2)	3	5	Internal	✓	✗	✗	✗
* AS 91514	Interpret a text from a prescribed playwright to demonstrate knowledge of a theatre form or period (3.3)	3	4	External	✓	✗	✓	✓
AS 91515	Select and use complex performance skills associated with a drama form or period (3.4)	3	4	Internal	✓	✗	✓	✗
AS 91518	Demonstrate understanding of live drama performance (3.7)	3	4	External	✓	✗	✗	✓

**Students will be offered at the discretion of the teacher*

ENGLISH	Y9	Y10	Y11	Y12	Y13
	English	English	English	English	English*

LEVEL 1 ENGLISH (11ENG)

CONTACT: Ms Havens

Year 11, Level 1

Course Description: The Year 11 English 1 course is designed to develop students' reading and writing skills, as well as their critical thinking skills. This course is in preparation for NCEA UE literacy and Level 2 English. Students in this course will study a variety of written, visual and oral texts. Students will be entered into AS 1.1 or AS 1.2 and AS 1.3 external assessments dependent on their achievement in the internal component of the course.

This course is eligible for Course Endorsement.

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 90849	Show understanding of specified aspect(s) of studied written text(s), using supporting evidence (1.1)	1	4	External	✓	✗
AS 90850	Show understanding of specified aspect(s) of studied visual or oral text(s), using supporting evidence (1.2)	1	4	Internal	✓	✗
AS 90851	Show understanding of significant aspects of unfamiliar written text(s) through close reading, using supporting evidence (1.3)	1	4	External	✓	✗
AS 90052	Produce creative writing (1.4 or 1.5)	1	3	External	✓	✗
AS 90053	Produce formal writing (1.5 or 1.4)	1	3	Internal	✓	✗
AS 90857	Construct and deliver an oral text (1.7) or (2.5 AS91102)	1	3	Internal	✓	✗
AS 90852	Explain significant connection(s) across texts, using supporting evidence (1.8)	1	4	Internal	✓	✗
AS 90856	Show understanding of significant aspects of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence (1.11)	1	3	Internal	✓	✗
AS 91106	Form developed personal responses to independently read texts, supported by evidence (2.9)	2	4	Internal	✓	✗

Students will be offered a selection of the above standards

LEVEL 2 ENGLISH (12ENG)

CONTACT: Ms Havens

Year 12, Level 2

Pre-requisites: 14 credits in Level 1 English or Curriculum Leader approval.

Course Description: Level 2 English course is designed to develop students' reading and writing skills, as well as their critical thinking skills. This course is focused on achieving NCEA UE literacy and preparation for Level 3 English. Students in this course will study a variety of written, visual and oral texts. Students will be entered into two external assessments (AS 2.1 or AS 2.2 or AS 2.3) dependent on their achievement in the internal component of the course.

This course is eligible for Course Endorsement.

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91098	Analyse specified aspect(s) of studied written text(s), supported by evidence (2.1)	2	4	External	✓	✗	✓	✓
AS 91099	Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence (2.2)	2	4	External	✓	✗	✗	✓
AS 91100	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence (2.3)	2	4	External	✓	✗	✓	✓
AS 91101	Produce a selection of crafted and controlled writing (2.4)	2	6	Internal	✓	✗	✗	✓
AS 91104	Analyse significant connections across texts, supported by evidence (2.7)	2	4	Internal	✓	✗	✗	✗
AS 91105	Use information literacy skills to form development conclusion(s) (2.8)	2	4	Internal	✓	✗	✓	✗
AS 91107	Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence (2.10)	2	4	Internal	✓	✗	✗	✗
AS 91476	(3.5); Create a fluent and coherent oral text which develops, sustains and structures ideas	3	3	Internal	✗	✗	✗	✗

Students will be offered a selection of the above standards

Note: If you are intending to study at The University of Auckland you must achieve at least 17 English credits at Level 2 and/or Level 3, including UE Literacy (5 reading and 5 writing credits)

LEVEL 3 ENGLISH (13ENG)

CONTACT: Ms Havens

Year 13, Level 3

Pre-requisites: Students must have UE Literacy and at least 14 NCEA L2 English credits including an External. **Please note – University Entrance Literacy Reading is internal in Level 2 English and External in Level 3 English.**

Course Description: The Year 13 English course is designed to polish students' analytical and critical skills. This course is designed so that University Entrance is available within the internal assessment component. External assessments provide opportunity for subject endorsement. Students in this course will study a variety of written, visual and oral texts in order to question their meaning, crafting and context. Success in Level 3 English requires a strong work ethic and independence in reading.

**Subject to student interest and progress, a class may be offered the opportunity to be assessed against 91474 (English 3.3) in the external assessments.*

This course is eligible for Course Endorsement and is a university approved subject.

Standard	Title	Level	Credits	Int/Ext	UE Literacy	
					R	W
AS 91472	Respond critically to specific aspect(s) of studied written text(s), supported by evidence (3.1)	3	4	External	✓	✓
AS 91473	Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence (3.2)	3	4	External	✗	✓
AS 91475	Produce a selection of fluent and coherent writing which develops, sustains and structures ideas (3.4)	3	6	Internal	✗	✓
AS 91476	Create a fluent and coherent oral text which develops, sustains and structures ideas (3.5)	3	3	Internal	✗	✗
AS 91478	Respond critically to significant connections across texts, supported by evidence (3.7)	3	4	Internal	✗	✗
AS 91479	Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence (3.9)	3	4	Internal	✗	✗

Note: If you are intending to study at The University of Auckland you must achieve at least 17 English credits at Level 2 and/or Level 3, including UE Literacy (5 reading and 5 writing credits)

ENGLISH LANGUAGE LEARNING (ELF & ELL)

	Y9	Y10	Y11	Y12	Y13
ELF	English Language Foundation	English Language Foundation	English Language Foundation	English Language Foundation	English Language Foundation
ELL			English Language Learning	English Language Learning	English Language Learning

English Language Foundation (ELF)

CONTACT: Mrs Smith

ELF – Year 9/10/11/12/13

Pre-requisites: This course is available to English Language students

Course Description: The course is for Years 9-13 permanent residents for whom English is not their first language, and for international fee-paying students. The course offers English language skills at the foundation stages of language learning. No NCEA standards are offered. It is available in every option line.

English Language Learning (ELL)

CONTACT: Mrs Smith

ELL - Year 11/12/13, English Language Level 1, 2 & 3

Pre-requisites: This course is available only to ELL students.

Course Description: This course is for Year 11, 12 and 13 permanent residents for whom English is not their first language, and international fee-paying students. Topics connect with students' prior knowledge and experiences to improve academic English language skills in order to achieve in other learning areas. The table below shows the standards offered in 2019. However, these may vary in 2020 according to the individual needs of the learners.

This course is designed to meet the English Language learning needs of students who are working at the Foundation Stage and Stage One of the English Language Learning Progressions (ELLP) and English Language Intensive Programme (ELIP). The course includes NCEA English Language (EL) unit standards designed to test the achievement for the four strands – Listening, Speaking, Reading and Writing.

These courses are not eligible for Course Endorsement.

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
US 27996	Write basic texts on very familiar topics (EL)	1	8	Internal	x	x	x	x
US 27997	Write basic texts on practical purposes (EL)	1	7	Internal	x	x	x	x
US 27998	Complete basic forms on familiar topics (EL)	1	5	Internal	x	x	x	x
US 27999	Participate in basic personal exchanges (EL)	1	5	Internal	x	x	x	x
US 30979	Demonstrate understanding of simple spoken texts in everyday situations (EL)	1	10	Internal	x	x	x	x
US 31001	Read and understand simple texts for practical purposes (EL)	1	5	Internal	x	x	x	x
US 31005	Read and understand simple written texts (EL)	1	5	Internal	x	x	x	x

US 27999	Write a simple connected text on a familiar topic (EL)	2	5	Internal	x	x	x	x
US 28000	Write a connected text for a practical purpose (EL)	2	5	Internal	x	x	x	x
US 28001	Complete a form (EL)	2	5	Internal	x	x	x	x
US 30980	Demonstrate understanding of spoken text on a familiar topic (EL)	2	5	Internal	x	x	x	x
US 30995	Read and understand a straight forward text on a familiar topic (EL)	2	5	Internal	x	x	x	x
US 31002	Read and understand texts for a practical purpose (EL)	2	5	Internal	x	x	x	x
US 31006	Read and understand a range of straight forward written texts independently (EL)	2	5	Internal	x	x	x	x
US 31026	Present information on a familiar topic (EL)	2	5	Internal	x	x	x	x

US 28062	Participate in a formal interview (EL)	3	5	Internal	✕	✕	✕	✕
US 28068	Write a connected text on a familiar topic (EL)	3	5	Internal	✕	✕	✕	✕
US 28069	Write a text for a practical purpose (EL)	3	5	Internal	✕	✕	✕	✕
US 30982	Demonstrate understanding of a spoken text on a familiar topic (EL)	3	5	Internal	✕	✕	✕	✕
US 30987	Demonstrate understanding of spoken instructions in a familiar context (EL)	3	5	Internal	✕	✕	✕	✕
US 30990	Demonstrate understanding of a spoken interaction in a familiar context (EL)	3	5	Internal	✕	✕	✕	✕
US 30997	Read and understand a text on a familiar topic (EL)	3	5	Internal	✕	✕	✕	✕
US 31004	Read and understand a text for a practical purpose (EL)	3	5	Internal	✕	✕	✕	✕
US 31008	Read and understand a range of written texts independently (EL)	3	5	Internal	✕	✕	✕	✕
US 31016	Participate in a spoken interaction on a familiar topic (EL)	3	5	Internal	✕	✕	✕	✕
US 31021	Participate in a formal interview in an applied context (EL)	3	5	Internal	✕	✕	✕	✕
US 31027	Deliver a developed presentation on a familiar topic (EL)	3	5	Internal	✕	✕	✕	✕

Students will be offered a selection of the above unit standards

INTEGRATED STUDIES

	Y9	Y10	Y11	Y12	Y13
INTEGRATED STUDIES			Integrated Studies Numeracy & Literacy	Integrated Studies Literacy	Integrated Studies

LEVEL 1 INTEGRATED STUDIES – LITERACY & NUMERACY CONTACT: Ms Crawford

Year 11, Level 1 (11ISE)

Pre-requisites: Approval from Curriculum Leader Integrated Studies

Course Description: This is a course where students are given the opportunity to achieve their literacy and numeracy compulsory credits within an integrated programme of learning that incorporates English, mathematics, health, core generic, financial literacy and communication skills standards. The course mixes written investigation with practical activities for up to two hours every day engaging students' interest via a wide range of topics designed to meet the challenges of the world outside school.

This course is not eligible for Course Endorsement.

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
US 504	Produce a CV (curriculum vitae)	1	2	Internal	✗	✗
US 526	Describe community services	1	2	Internal	✗	✗
US 1285	Make enquiries and complete practical transactions	1	4	Internal	✗	✗
US 3483	Fill in a form	1	2	Internal	✗	✗
US 3490	Complete an incident report	1	2	Internal	✗	✗
US 10792	Write formal personal correspondence	1	3	Internal	✗	✗
US 24709	Produce a balanced budget for an individual	1	3	Internal	✗	✗
US 26623	Use number to solve problems	1	4	Internal	✗	✓
US 26626	Interpret statistical information for a purpose	1	3	Internal	✗	✓
US 26627	Use measurement to solve problems	1	3	Internal	✗	✓
US 25060	Read texts for practical purposes	1	2	Internal	✗	✗
US 28088	Demonstrate understanding of credit and debt on personal finances	1	3	Internal	✗	✗
AS 90053	Produce formal writing (1.5)	1	3	Internal	✓	✗
AS 90857	Construct and deliver oral text (1.6)	1	3	Internal	✓	✗
AS 90855	Create a visual text (1.7)	1	3	Internal	✓	✗
AS 90852	Explain significant connection(s) across texts, using supporting evidence (1.8)	1	4	Internal	✓	✗
AS 90853	Use information literacy skills to form conclusion(s) (1.9)	1	4	Internal	✓	✗
AS 90854	Form personal responses to independently read texts, supported by evidence (1.10)	1	4	Internal	✓	✗
AS 90856	Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence (1.11)	1	3	Internal	✓	✗
AS 91034	Apply transformational geometry in solving problems	1	2	Internal	✗	✓

Students will be offered a selection of the above standards dependent on their individual programme

LEVEL 2 INTEGRATED STUDIES (12ISH)**CONTACT: Ms Crawford****Year 12, Level 2****Pre-requisites:** Approval from Curriculum Leader Integrated Studies

Course Description: This Year 12 programme is designed to support students into the workplace or tertiary study and is intended to link in with MIT. The course combines a mixture of integrated topics incorporating English, health and employment standards and at the same time caters for students who are requiring their compulsory literacy/numeracy and/or reading/writing credits. Students are given the opportunity to do First Aid, Site Safe and Fork Lift training leading to further work-related qualifications.

This course is not eligible for Course Endorsement.

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
US 2989	Select, read, and assess texts on a topic	2	3	Internal	✗	✗	✗	✗
US 3462	Demonstrate knowledge of traffic law for the purpose of safe driving	2	3	Internal	✗	✗	✗	✗
US 3492	Write a short report	2	3	Internal	✗	✗	✗	✗
US 425	Produce a targeted resumé	2	2	Internal	✗	✗	✗	✗
US 4253	Demonstrate knowledge of job search skills	2	3	Internal	✗	✗	✗	✗
US 10781	Produce a plan for own future directions	2	3	Internal	✗	✗	✗	✗
US 25073	Read texts to recognise differing points of view on a topic	2	3	Internal	✗	✗	✗	✗
AS 91101	Produce a selection of crafted and controlled writing (2.4)	2	6	Internal	✓	✗	✗	✓
AS 91102	Construct and deliver a crafted and controlled oral text (2.5)	2	3	Internal	✗	✗	✗	✗
AS 91104	Analyse significant connections across texts, supported by evidence (2.7)	2	4	Internal	✓	✗	✗	✗
AS 91105	Use information literacy skills to form developed conclusion(s) (2.8)	2	4	Internal	✓	✗	✓	✗
AS 91106	Form developed personal responses to independently read texts, supported by evidence (2.9)	2	4	Internal	✓	✗	✓	✗
AS 91107	Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence (2.10)	2	4	Internal	✓	✗	✗	✗
AS 91259	Apply trigonometric relationships in solving problems	2	3	Internal	✗	✓	✗	✗

Students will be offered a selection of the above standards based on their individual programme

LEVEL 3 INTEGRATED STUDIES (13ISE)**CONTACT: Ms Crawford****Year 13, Level 3****Pre-requisites:** Approval from Curriculum Leader Integrated Studies

Course Description: This Year 13 programme is designed to support students into the workplace or tertiary study and is intended to link in with MIT. The course combines a mixture of integrated topics incorporating English, health and employment standards and at the same time caters for students who are requiring their compulsory literacy/numeracy and/or reading/writing credits.

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
US 1279	Write in plain English	3	3	Internal	✗	✗	✗	✗
US 1304	Communicate with people from other cultures (L3)	3	2	Internal	✗	✗	✗	✗
US 3491	Write a Report (Is part 3 of standards done at Levels 1 and 2)	3	4	Internal	✗	✗	✗	✗
US 9681	Contribute within a team or group which has an objective (Is part 3 of standards done at Levels 1 and 2)	3	3	Internal	✗	✗	✗	✗
US 18862	Facilitate the Peer Support programme in schools	3	4	Internal	✗	✗	✗	✗
US 20906	Plan and engage in an activity intended to benefit the community	3	6	Internal	✗	✗	✗	✗
AS 91101	Produce a selection of crafted and controlled writing	2	6	Internal	✓	✗	✗	✓
AS 91104	Analyse significant connections across texts supported by evidence	2	4	Internal	✓	✗	✗	✗
AS 91105	Use information literacy skills to form developed conclusion(s)	2	4	Internal	✓	✗	✓	✗
AS 91106	Form developed personal responses to independently read texts, supported by evidence (2.9)	2	4	Internal	✓	✗	✓	✗
AS 91476	Create a fluent and coherent oral text which develops, sustains and structures ideas	3	3	Internal	✓	✗	✗	✗

Students will be offered a selection of the above standards based on their individual programme

MATHEMATICS

MATHEMATICS	Y9	Y10	Y11	Y12	Y13
	Mathematics	Mathematics	Mathematics 1 & 2	Mathematics 1 & 2	Calculus *
			Mathematics - Numeracy		Statistics*

LEVEL 1 MATHEMATICS NUMERACY (11MTN)

CONTACT: Mr Latu

Pre-requisites: Students will be placed in the appropriate mathematics course for them by their previous mathematics teacher based on 2020 achievement.

Course Description: This course focused on basic mathematical skills, including the requirement to achieve NCEA numeracy.

This course is not eligible for Course Endorsement.

Total credits: 19

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 91026	Use numeric reasoning in solving problems (1.1)	1	4	Internal	✗	✓
AS 91030	Apply measurement in solving problems (1.5)	1	3	Internal	✗	✓
AS 91032	Apply right angled triangles in solving measurement problems (1.7)	1	3	Internal	✗	✓
AS 91034	Apply transformation geometry in solving problems (1.9)	1	2	Internal	✗	✓
AS 91035	Investigate a given multivariate data set using the statistical enquiry cycle (1.10)	1	4	Internal	✓	✓
AS 91036	Use the statistical enquiry cycle to investigate bivariate measurement data (1.11)	1	3	Internal	✓	✓

LEVEL 1 MATHEMATICS 1 (11MAT1)

CONTACT: Mr Latu

Year 11, Level 1

Pre-requisites: Students will be placed in the appropriate mathematics course for them by their previous mathematics teacher based on their 2020 achievement.

Course Description: Students will learn the skills and knowledge to gain NCEA Level 1 credits in the Mathematics domains of Number, Algebra, Measurement, Trigonometry, Statistics and Probability.

This course is eligible for Course Endorsement.

Total credits: 22

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 91026	Apply numeric reasoning in solving problems (1.1)	1	4	Internal	✗	✓
AS 91027	Apply algebraic procedures in solving problems (1.2) – <i>Common Assessment Task</i> .	1	4	External CAT	✗	✓
AS 91028	Investigate relationships between tables, equations and graphs (1.3)	1	4	External	✗	✓
AS 91029	Apply linear algebra in solving problems	1	3	Internal	✗	✓
AS 91032	Apply right-angled triangles in solving measurement problems	1	3	Internal	✗	✓
AS 91035	Investigate a given multivariate data set using the statistical enquiry cycle (1.10)	1	4	Internal	✓	✓

LEVEL 1 MATHEMATICS 2 (11MAT2)**CONTACT: Mr Latu**

Year 11, Level 1

Pre-requisites: Students will be placed in the appropriate mathematics course for them by their previous mathematics teacher based on their 2020 achievement.

Course Description: Students will learn the skills and knowledge to gain NCEA Level 1 credits in the Mathematics domains of Number, Algebra, Measurement, Trigonometry, Statistics and Probability.

This course is eligible for Course Endorsement.

Total credits: 21

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 91026	Apply numeric reasoning in solving problems (1.1)	1	4	Internal	✗	✓
AS 91027	Apply algebraic procedures in solving problems (1.2) – <i>Common Assessment Task</i>	1	4	External CAT	✗	✓
AS 91029	Apply linear algebra in solving problems	1	3	Internal	✗	✓
AS 91032	Apply right-angled triangles in solving measurement problems (1.7)	1	3	Internal	✗	✓
AS 91035	Investigate a given multivariate data set using the statistical enquiry cycle (1.10)	1	4	Internal	✓	✓
AS 91036	Investigate bivariate numerical data using the statistical enquiry cycle (1.11)	1	3	Internal	✓	✓
AS 91035	Investigate a given multivariate data set using the statistical enquiry cycle (1.10)	1	4	Internal	✓	✓

LEVEL 2 MATHEMATICS 1 (12MAT1)**CONTACT: Mr Latu**

Year 12, Level 2

Pre-requisites: Students will be placed in the appropriate mathematics course for them by their previous mathematics teacher based on their 2020 achievement.

Course Description: Students will learn the skills and knowledge necessary to gain NCEA Level 2 credits in Mathematics.

This course is eligible for Course Endorsement.

Total credits: 24

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91257	Apply graphical methods in solving problems (2.2)	2	4	Internal	✗	✓	✗	✗
AS 91259	Apply trigonometric relationship in solving problems (2.4)	2	3	Internal	✗	✓	✗	✗
AS 91261	Apply algebraic methods in solving problems (2.6)	2	4	External	✗	✓	✗	✗
AS 91262	Apply calculus methods in solving problems (2.7)	2	5	External	✗	✓	✗	✗
AS 91264	Use statistical methods to make an inference (2.9)	2	4	Internal	✓	✓	✗	✗
AS 91267	Apply probability methods in solving problems (2.12)	2	4	External	✓	✓	✗	✗

LEVEL 2 MATHEMATICS 2 (12MAT2)**CONTACT: Mr Latu**

Year 12, Level 2

Pre-requisites: Students will be placed in the appropriate mathematics course for them by their previous mathematics teacher based on their 2020 achievement.

Course Description: Students will learn the skills and knowledge necessary to gain credits in NCEA Level 2 Achievement Standards.

This course is eligible for Course Endorsement.

Total credits: 18

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91256	Apply co-ordinate geometry methods in solving problems (2.1)	2	2	Internal	✗	✓	✗	✗
AS 91259	Apply trigonometry methods in solving problems (2.4)	2	3	Internal	✗	✓	✗	✗
AS 91264	Use statistical methods to make an inference (2.9)	2	4	Internal	✓	✓	✗	✗
AS 91265	Conduct an experiment to investigate a situation using statistical methods (2.10)	2	3	Internal	✓	✓	✗	✗
AS 91267	Apply probability methods in solving problems (2.12)	2	4	External	✓	✓	✗	✗
AS 91268	Investigate a situation involving elements of chance using a simulation (2.13)	2	2	Internal	✓	✓	✗	✗

LEVEL 3 CALCULUS (13CAL)**CONTACT: Mr Latu**

Year 13, Level 3

Pre-requisites: Curriculum Leader approval based on a high level of achievement in Year 12 mathematics.

Course Description: Students will learn the skills and knowledge necessary to gain credits in NCEA Level 3 Achievement and Unit Standards in differentiation, trigonometric equations and functions, complex numbers, integration and conic sections.

This course is eligible for Course Endorsement and is a university approved subject.

Total credits: 24

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91573	Apply the geometry of conic sections in solving problems (3.1)	3	3	Internal	✗	✓	✗	✗
AS 91575	Apply trigonometric methods to solving problems (3.3)	3	4	Internal	✗	✓	✗	✗
AS 91577	Apply the algebra of complex numbers in solving problems (3.5)	3	5	External	✗	✓	✗	✗
AS 91578	Apply differentiation methods in solving problems (3.6)	3	6	External	✗	✓	✗	✗
AS 91579	Apply integration methods in solving problems (3.7)	3	6	External	✗	✓	✗	✗

LEVEL 3 STATISTICS (13STA)**CONTACT: Mr Latu**

Year 13, Level 3

Pre-requisites: Curriculum Leader approval based on level of achievement in Year 12 mathematics.**Students may study this subject in an 8am Class**

Course Description: Students will learn the skills and knowledge necessary to gain credits in NCEA Level Achievement and Unit Standards in time series, bi-variate data, mathematical modelling, probability, confidence intervals, probability distributions and numerical methods.

This course is eligible for Course Endorsement and is a university approved subject.**Total credits: 19**

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91580	Investigate time series data (3.8)	3	4	Internal	✓	✓	✗	✗
AS 91581	Investigate bivariate measurement data (3.9)	3	4	Internal	✓	✓	✗	✗
AS 91583	Conduct an experiment to investigate a situation using experimental design principles	3	4	Internal	✓	✓	✗	✗
AS 91586	Apply probability distributions in solving problems (3.14)	3	4	External	✗	✓	✗	✗
AS 91587	Apply systems of simultaneous equations in solving problems	3	3	Internal	✓	✓	✗	✗

MUSIC	Y9	Y10	Y11	Y12	Y13
	Music	Music	Music	Music	Music*

LEVEL 1 MUSIC & MUSIC TECHNOLOGY with Performing Arts CONTACT: Mr Gray Year 11, Level 1 (11MUS)

Pre-requisites: Curriculum Leader Music approval based on either achievement in Year 10 Music OR CL interview for new students to course. Students need to have:

- Satisfactory attendance and progress at itinerant instrumental classes or approved private music lessons, along with active participation in a Choral Singing programme (Male Voice Choir or Girls' Choir) or Jazz Group, Rock or Reggae Band, Orchestra or Chamber group.
- Acceptable proficiency on a musical instrument, performing at minimum of Grade Two level
- Minimum of Grade One or Two Music Theory would be helpful
- Willingness and readiness to participate in all aspects of the course
- All students must pay course costs before admittance to this course.

Course Description: Students develop their musical skills as soloists and ensemble members. They analyse music, develop listening skills, and may create their own music. This musicianship course includes singing and membership of either the Male Voice Choir or Girls' Choir is recommended. Students will develop confidence performing in public. Music Technology and Performing Arts Technology standards are also available. This course leads on to Level 2 and 3 music, tertiary and music industry and Performing Arts.

This course is eligible for Course Endorsement.

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
US 27658	Demonstrate and apply knowledge of electronic music production and music notation application(s).	2	4	Internal	✗	✗
US 27656	Demonstrate and apply introductory knowledge of music technology equipment and techniques	1	4	Internal	✗	✗
AS 91090	Perform two pieces of music as a featured soloist (1.1)	1	6	Internal	✗	✗
AS 91091	Demonstrate ensemble skills through performing a piece of music as a member of a group (1.2)	1	4	Internal	✗	✗
AS 91092	Compose two original pieces of music (1.3)	1	6	Internal	✗	✗
AS 91093	Demonstrate aural and theoretical skills through transcription (1.4)	1	4	External	✗	✗
AS 91094	Demonstrate knowledge of conventions used in music scores (1.5)	1	4	External	✓	✗

Students will be offered a selection of the above standards

LEVEL 2 MUSIC & MUSIC TECHNOLOGY with Performing Arts CONTACT: Mr Gray

Year 12, Level 2 (12MUS)

Pre-requisites: Curriculum Leader Music approval based on either achievement at L1 Music (preferably at least 12 credits) OR CL interview for new students to course, plus:

- Satisfactory attendance and progress at itinerant instrumental classes or approved private music lessons, along with active participation in a Choral Singing programme (Male Voice Choir or Girls' Choir), Jazz Group, Rock or Reggae Band, Orchestra or Chamber group.
- Acceptable proficiency on a musical instrument, performing at minimum of Grade Three level.
- Grade Two or Three Music Theory would be very helpful to achieve course endorsement
- Willingness and readiness to participate in all aspects of the course, and to develop leadership generally
- All students must pay course costs before admittance to this course.

Course Description: Students develop their musical skills as soloists and ensemble members. They analyse music, develop listening skills, and may create their own music. This musicianship course includes singing and membership of either the Male Voice Choir or Girls' Choir is recommended. Students will develop confidence at performing in public. Music Technology and Performing Arts Technology standards are also available. Students are encouraged to link with other Performing Arts courses. This course leads on to Level 3 music, tertiary and music industry.

This course is eligible for Course Endorsement.

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
US 27658	Demonstrate and apply knowledge of electronic music production and music notation application(s).	2	4	Internal	✗	✗	✗	✗
AS 91270	Perform two substantial pieces of music as a featured soloist (2.1)	2	6	Internal	✗	✗	✗	✗
AS 91271	Compose two substantial pieces of music (2.4)	2	6	Internal	✗	✗	✗	✗
AS 91272	Demonstrate ensemble skills by performing a substantial piece of music as a member of a group (2.3)	2	4	Internal	✗	✗	✗	✗
AS 91273	Devise an instrumentation for an ensemble (2.8)	2	4	Internal	✗	✗	✗	✗
AS 91274	Perform a substantial piece of music as a featured soloist on a second instrument (2.2)	2	3	Internal	✗	✗	✗	✗
AS 91275	Demonstrate aural understanding through written representation (2.5)	2	4	External	✗	✗	✗	✗
AS 91276	Demonstrate knowledge of conventions in a range of music scores (2.6)	2	4	External	✓	✗	✗	✗
AS 91278	Investigate an aspect of New Zealand music (2.9)	2	4	Internal	✓	✗	✗	✗

Students will be offered a selection of the above standards

LEVEL 3 MUSIC & MUSIC TECHNOLOGY with Performing Arts

Year 13, Level 3 (13MUS)

CONTACT: Mr Gray
8am Class

Pre-requisites: Curriculum Leader Music approval based on either achievement at L2 Music (preferably at least 12 credits) OR CL interview for new students to course, plus:

- Satisfactory attendance and progress at itinerant instrumental classes or approved private music lessons, along with active participation in a Choral Singing programme (Male Voice Choir or Girls' Choir), Jazz Group, Rock or Reggae Band, Orchestra or Chamber group.
- Acceptable proficiency on a musical instrument, performing at minimum of Grade Four level
- Minimum of Grade Four Music Theory (e.g. Master Your Theory or ABRSM) would be very helpful to achieve course endorsement
- Willingness and readiness to participate in all aspects of the course, and to develop leadership generally
- New entrants must audition and show evidence of the above
- All students must pay course costs before admittance to this course.

Course Description: Students develop their musical skills as soloists and ensemble members. They analyse music, develop listening skills, and may create their own music. This musicianship course includes singing and membership of either the Male Voice Choir or Girls' Choir is recommended. Students will develop confidence at performing in public. Music Technology and Performing Arts Technology standards are also available.

This course is eligible for Course Endorsement and is a university approved subject.

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91416	Perform two programmes of music as a featured soloist (3.1)	3	8	Internal	✗	✗	✗	✗
AS 91417	Perform a programme of music as a featured soloist on a second instrument (3.2)	3	4	Internal	✗	✗	✗	✗
AS 91418	Demonstrate ensemble skills by performing two substantial pieces as a member of a group (3.3)	3	4	Internal	✗	✗	✗	✗
AS 91419	Communicate musical intention by composing three original pieces of music (3.4)	3	8	Internal	✗	✗	✗	✗
AS 91420	Integrate aural skills into written representation (3.5)	3	4	External	✗	✗	✗	✗
AS 91421	Demonstrate understanding of harmonic and tonal conventions in a range of music scores (3.6)	3	4	External	✗	✗	✗	✗
AS 91422	Analyse a substantial music work (3.7)	3	4	Internal	✓	✗	✗	✗
AS 91424	Create two arrangements for an ensemble (3.9)	3	4	Internal	✗	✗	✗	✗
AS 91425	Research a music topic (3.10)	3	6	Internal	✓	✗	✓	✗
AS 91849	Compose three original songs that express imaginative thinking (3.11)	3	8	Internal	✗	✗	✗	✗

Students will be offered a selection of the above standards

PHYSICAL EDUCATION & HEALTH

	Y9	Y10	Y11	Y12	Y13
PHYSICAL EDUCATION	Health c	Health c	Health	Health	Health*
	Health and Wellbeing	Health and Wellbeing			
	Physical Education c	Physical Education c	Physical Education	Physical Education	Physical Education*
			Physical Education & Sport	Physical Education & Sport	Physical Education & Sport

LEVEL 1 HEALTH (11HEA)

CONTACT: Ms Maassen

Year 11, Level 1

Pre-requisites: Achievement of AS 90970 in the Year 10 NCEA Starter Programme

Course Description: Students will consider well-being, attitudes and values, and work towards promoting the health of their community. Students will consider ways to keep themselves safe in a variety of situations and learn effective ways to communicate and develop healthy relationships.

This course is eligible for Course Endorsement.

Total credits: 17

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 90974	Demonstrate understanding of strategies for promoting positive sexuality (1.5)	1	4	Internal	✓	✗
AS 90975	Demonstrate understanding of issues to make health-enhancing decisions in drug-related situations (1.6)	1	4	External	✓	✗
AS 91097	Demonstrate understanding of ways in which well-being can change and strategies to support well-being (1.3)	1	4	Internal	✓	✗
AS 90973	Demonstrate understanding of interpersonal skills to enhance relationships (1.4)	1	5	Internal	✓	✗

LEVEL 2 HEALTH (12HEA)

CONTACT: Ms Maassen

Year 12, Level 2

Pre-requisites: Level 1 Health Education OR Curriculum Leader Approval

Course Description: Students will:

- Consider the wellbeing, attitudes, and values, and work towards promoting the health of their community
- Have the opportunity to participate in a range of physical activities, consider ways to keep themselves safe in a variety of situations and learn effective ways to communicate and develop healthy relationships
- Explore adolescent health issues, such as teen pregnancy, obesity, or dealing with stress & develop strategies to manage change and analyse issues relating to sexuality and gender.
- Be required to complete, as part of an internal standard, to take action and enhance an aspect of people wellbeing in the school in regards to nutrition.

This course is eligible for Course Endorsement (US6401 exempt).

Total credits: 19

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91236	Evaluate factors that influence people's ability to manage change (2.2)	2	5	Internal	✓	✗	✗	✗
AS 91237	Take action to enhance an aspect of people's wellbeing with the school or the wider community (2.3)	2	5	Internal	✓	✗	✗	✗
AS 91238	Analyse an interpersonal issue that places personal safety at risk (2.4)	2	4	External	✓	✗	✗	✗
AS 91239	Analyse issues relating to sexuality and gender to develop strategies for addressing issues (2.5)	2	5	Internal	✓	✗	✗	✗

LEVEL 3 HEALTH (13HEA)**CONTACT: Ms Maassen**

Year 13, Level 2

Pre-requisites: Level 2 Health Education (14 credits) OR Curriculum Leader Approval

Course Description: Students will study health issues from a socio-ecological (society as a whole) perspective. The teaching, learning and assessment in this course reflects the concepts of hauora, health promotion and the attitudes and values of positive and responsible approaches to one's own wellbeing, respect for the rights of others, care and concern for other people in the community, and social justice (fairness, inclusiveness and non-discriminatory practices).

This course is eligible for Course Endorsement and is a university approved subject.**Total credits: 19**

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91461	Analyse a New Zealand health issue (3.1)	3	5	Internal	✓	✗	✓	✗
AS 91462	Analyse an international health issue (3.2)	3	5	External	✓	✗	✓	✓
AS 91463	Evaluate health practices currently used in New Zealand (3.3)	3	5	Internal	✓	✗	✓	✗
AS 91464	Analyse a contemporary ethical issue in relation to wellbeing (3.4)	3	4	Internal	✓	✗	✓	✗

LEVEL 1 PHYSICAL EDUCATION & SPORT (11PES)**CONTACT: Ms Maassen**

Year 11, Level 1

Pre-requisites: Curriculum Leader Approval

Course Description: Students are offered a number of opportunities to develop and demonstrate leadership abilities through coaching and using interpersonal skills. Students have the opportunity to participate in a number of sporting activities at school and off site.

This course is eligible for Course Endorsement.**Total credits: 18**

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 90962	Participate actively in a variety of physical activities and explain factors that influence own participation (1.1)	1	5	Internal	✗	✗
AS 90964	Demonstrate quality movement in the performance of a physical activity (1.3)	1	3	Internal	✗	✗
AS 90966	Demonstrate interpersonal skills in a group and explain how these skills impact on others (1.5)	1	4	Internal	✓	✗
AS 90968	Demonstrate, and show understanding of, responsible behaviour for safety during outdoor education activities (1.7)	1	3	Internal	✓	✗
US 505	Manage personal physical fitness with guidance	1	3	Internal	✗	✗

LEVEL 2 PHYSICAL EDUCATION & SPORT (12PES)**CONTACT: Ms Maassen**

Year 12, Level 2

Pre-requisites: Open entry, a passion for sports and fitness. Willingness to participate in all aspects of the course.**Course Description:** Students will enhance leadership skills to coach sports teams and promote physical activity. Students work independently and in groups during the year. Students will be given the opportunity to learn different sports skills and will be able to adapt these to other aspects of sport and fitness.**This course is not eligible for Course Endorsement.****Total credits: 19**

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
US 457	Mountain bike on intermediate to expert terrain	2	2	Internal	✗	✗	✗	✗
US 467	Demonstrate personal and social development through participation in adventure based learning	2	3	Internal	✗	✗	✗	✗
US 9677	Communicate in a team or group which has an objective	2	3	Internal	✗	✗	✗	✗
US 22770	Demonstrate knowledge of sports coaching, the coaching environment, and sport participants' needs	2	4	Internal	✗	✗	✗	✗
AS 91330	Perform a physical activity in an applied setting (2.4)	2	4	Internal	✗	✗	✗	✗
AS 91333	Analyse the application of risk management strategies to a challenging outdoor activity (2.7)	2	3	Internal	✓	✗	✗	✗

LEVEL 3 PHYSICAL EDUCATION & SPORT (13PES)**CONTACT: Ms Maassen**

Year 13, Level 3

Pre-requisites: Level 2 Physical Education & Sport or Level 2 Physical Education, a passion for sports. Students will be selected by the Curriculum Leader**Course Description:** This course suits students who have a passion for sport and physical activity. Students are required to demonstrate leadership skills through officiating and coaching.**This course is not eligible for Course Endorsement.****Total credits: 21**

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
US 21414	Plan and lead a recreation activity	3	4	Internal	✗	✗	✗	✗
US 22768	Conduct and review a beginner level coaching session	3	6	Internal	✗	✗	✗	✗
US 22771	Plan a beginner level coaching session for sport participants	3	4	Internal	✗	✗	✗	✗
US 26224	Complete pre-competition preparations as an official at a competitive sports event	3	3	Internal	✗	✗	✗	✗
AS 91501	Demonstrate quality performance of a physical activity in an applied setting (3.4)	3	4	Internal	✗	✓	✗	✗

LEVEL 1 PHYSICAL EDUCATION (11PED)

CONTACT: Ms Maassen

Year 11, Level 1

Pre-requisites: Curriculum Leader approval or successful completion of Year 10 Sports Academy

Course Description:

Students will:

- Actively participate in a range of physical activities
- Develop sporting ability in select sports
- Explore the challenging nature of sports and its impact on Hauora

Throughout this course, students will learn about how the body functions in relation to different sports and activities. Students will also learn and develop strategies to improve performances in traditional sports. Students will learn through theory and practical lessons.

This course is eligible for Course Endorsement.

Total credits: 20

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 90962	Participate actively in a variety of physical activities and explain factors that influence participation (1.1)	1	5	Internal	✓	✗
AS 90963	Demonstrate understanding of the function of the body as it relates to the performance of physical activity (1.2)	1	5	Internal	✓	✗
AS 90964	Demonstrate quality movement in the performance of a physical activity (1.3)	1	3	Internal	✗	✗
AS 90966	Demonstrate interpersonal skills in a group and explain how these skills impact on others (1.5)	1	4	Internal	✓	✗
AS 90967	Demonstrate strategies to improve the performance of a physical activity and describe the outcomes (1.6)	1	3	Internal	✓	✗

LEVEL 2 PHYSICAL EDUCATION (12PED)

CONTACT: Ms Maassen

Year 12, Level 2

Pre-requisites: Curriculum Leader approval based on achievement of at least 14 credits from Level 1 Physical Education

Course Description: Students will learn about biophysical principles and how to apply them to sporting movement and ultimately how to improve sporting performance. Students will learn the principles of training and how to apply them to their own training and performance. Students will participate in a range of sporting contexts. This course pathways to Level 3 Physical Education.

This course is eligible for Course Endorsement.

Total credits: 17

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91328	Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills (2.2)	2	5	Internal	✓	✗	✗	✗
AS 91329	Demonstrate understanding of the application of biophysical principles to training for physical activity (2.3)	2	4	Internal	✓	✗	✗	✗
AS 91330	Perform a physical activity in an applied setting (2.4)	2	4	Internal	✗	✗	✗	✗
AS 91332	Evaluate leadership strategies that contribute to the effective functioning of a group (2.6)	2	4	Internal	✓	✗	✗	✗

LEVEL 3 PHYSICAL EDUCATION (13PED)**CONTACT: Ms Maassen****Year 13, Level 3****Pre-requisites:** Curriculum Leader approval based on achievement of at least 12 credits from Level 2 Physical Education

Course Description: This course continues to develop the skills and principles taught in Level 2 Physical Education/Sports Science. Students will develop strategies for lifelong wellbeing and use biophysical principles to improve performance. Students will be expected to coach their peers and juniors to develop leadership styles and evaluate the impact on performance.

This course is eligible for Course Endorsement and is a university approved subject.**Total credits: 16**

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91498	Evaluate physical activity experiences to devise strategies for lifelong well-being (3.1)	3	4	Internal	✓	✓	✗	✗
AS 91500	Evaluate the effectiveness of a performance (3.3)	3	4	Internal	✓	✓	✗	✗
AS 91501	Demonstrate quality performance of a physical activity in an applied setting (3.4)	3	4	Internal	✗	✓	✗	✗
AS 91505	Examine contemporary leadership principles in physical activity contexts	3	4	Internal	✓	✗	✗	✗

SCIENCE

	Y9	Y10	Y11	Y12	Y13
SCIENCE	Science	Science	Science	Biology	Biology
			Additional Science	Chemistry	Chemistry
				Physics	Physics

LEVEL 1 SCIENCE (11SCI)

CONTACT: Ms Squibbs

Year 11, Level 1

Pre-requisites: None

Course Description: Students will explore Science in the world around us through investigations, experiments and discussion. You will explore rates of reaction, global warming, objects in motion, and why you can have blue eyes or curly hair even if your parents don't. This course develops knowledge and processes of science which provide a 'scientific literacy' essential for life in 21st Century and the basis of many of future careers.

This course is eligible for Course Endorsement.

Total credits: 23

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 90926	Report on a Biological Issue (B1.2)	1	3	Internal	✓	✗
AS 90930	Carry out a practical chemistry investigation, with direction (C1.1)	1	4	Internal	✗	✓
AS 90940	Demonstrate understanding of aspects of mechanics (S1.1)	1	4	External	✗	✓
AS 90944	Demonstrate understanding of aspects of acids and bases (S1.5)	1	4	External	✗	✗
AS 90948	Demonstrate understanding of biological ideas relating to genetic variation (S1.9)	1	4	External	✓	✗
AS 90953	Demonstrate understanding of Carbon Cycling (S1.14)	1	4	Internal	✓	✗

LEVEL 1 ADDITIONAL SCIENCE (11ASC)

CONTACT: Ms Squibbs

Year 11, Level 1

8am Class

Pre-requisites: Entry to be approved by Curriculum Leader. **MUST be taken with Science.**

Course Description: This course complements Level 1 Science and is designed to give students with a strong interest in science a broader base of scientific learning. Students will explore microbiological activity, electrical circuits, chemical reactions, waves and metals in real life contexts.

This course is eligible for Course Endorsement.

Total credits: 19

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 90927	Demonstrate understanding of biological ideas relating to micro-organisms (B1.3)	1	4	External	✓	✗
AS 90929	Demonstrate understanding of biological ideas relating to a mammal as a consumer (B1.5)	1	3	External	✓	✗
AS 90932	Demonstrate understanding of aspects of carbon chemistry	1	4	External	✗	✗
AS 90941	Investigate implications of electricity and magnetism for everyday life (S1.2)	1	4	Internal	✗	✓
AS 90947	Demonstrate understanding of aspects of chemical reactions (S1.8)	1	4	Internal	✗	✗

LEVEL 2 BIOLOGY (12BIO)

CONTACT: Ms Harris

Year 12, Level 2

Pre-requisites: Minimum of 12 credits from Level 1 Science including Genetics AS90948 (S1.9)

Course Description: Level 2 Biology gives students an opportunity to explore the living world in a range of organisms and at a range of levels, from gene expression through to ecological interactions. Students will develop transferable skills that will not only enable them to investigate how and why biological processes occur but also consider applications of biology outside of the classroom and in everyday life. Students will have the opportunity to enhance their understanding of life processes such as respiration and photosynthesis, as well as considering the influence of genetics in biodiversity and evolution.

This course is eligible for Course Endorsement.

Total credits: 22

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91153	Carry out a practical biological investigation in a biology context, with supervision (2.1)	2	4	Internal	✗	✓	✗	✗
AS 91155	Demonstrate understanding of adaptation of plants or animals to their way of life (2.3)	2	3	Internal	✓	✗	✗	✗
AS 91156	Demonstrate understanding of life processes at the cellular level (2.4)	2	4	External	✓	✗	✗	✗
AS 91157	Demonstrate understanding of genetic variation and change (2.5)	2	4	External	✓	✗	✗	✗
AS 91159	Demonstrate understanding of gene expression (2.7)	2	4	External	✓	✗	✗	✗
AS 91160	Investigate biological material at the microscopic level (2.8)	2	3	Internal	✗	✗	✗	✗

LEVEL 3 BIOLOGY (13BIO)

CONTACT: Ms Harris

Year 13, Level 3

Pre-requisites: 14 credits from Level 2 Biology

Course Description: Level 3 Biology allows students to further consider biological processes such as homeostasis, genetic inheritance and evolution, but emphasises the relevance of these processes to everyday life and in relevant and interesting contexts. It provides students with an opportunity to discuss the socioeconomic implications of biological processes such as genetic engineering and selective breeding. Level 3 Biology helps students to further develop useful skills such as researching and analysing information, as well as presenting and discussing topical biological issues.

This course is eligible for Course Endorsement and is a university approved subject.

Total credits: 19

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91603	Demonstrate understanding of the responses of plants and animals to their external environment (3.3)	3	5	External	✓	✗	✓	✓
AS 91604	Demonstrate understanding of how an animal maintains a stable internal environment (3.4)	3	3	Internal	✓	✗	✓	✗
AS 91605	Demonstrate understanding of evolutionary processes leading to speciation (3.5)	3	4	External	✓	✗	✓	✓
AS 91606	Demonstrate understanding of trends in human evolution (3.6)	3	4	External	✓	✗	✓	✓
AS 91607	Demonstrate understanding of human manipulations of genetic transfer and its biological implications (3.7)	3	3	Internal	✓	✗	✓	✗

LEVEL 2 CHEMISTRY (12CHE)**CONTACT: Ms Squibbs****Year 12, Level 2****Pre-requisites:** 14 credits in Level 1 Science including AS90930 (C1.1) and AS90944 (S1.5), or Curriculum Leader approval.

Course Description: Students will explore how chemicals change through experiments and investigations. Students will develop the skills to analyse chemical compounds to identify the ions, to perform acid-base titrations and to solve quantitative problems. Students will explore the properties of selected organic compounds, bonding, structure and energy changes of chemical compounds. Students also will demonstrate understanding of chemical reactivity and oxidation-reduction.

This course is eligible for Course Endorsement.**Total credits: 19**

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91162	Carry out procedures to identify ion present in solution (2.2)	2	3	Internal	✗	✗	✗	✗
AS 91164	Demonstrate understanding of bonding, structure, properties and energy changes (2.4)	2	5	External	✓	✗	✗	✗
AS 91165	Demonstrate understanding of the properties of selected organic compounds (2.5)	2	4	External	✓	✗	✗	✗
AS 91166	Demonstrate understanding of chemical reactivity (2.6)	2	4	External	✓	✗	✗	✗
AS 91167	Demonstrate understanding of oxidation-reduction (2.7)	2	3	Internal	✗	✗	✗	✗

LEVEL 3 CHEMISTRY (13CHE)**CONTACT: Ms Squibbs****Year 13, Level 3****Pre-requisites:** 14 credits from Level 2 Chemistry of Curriculum Leader approval

Course Description: Students will develop skills to analyse and interpret the spectroscopic data and to understand oxidation-reduction processes involving electrolytic and electrochemical cells. Also, students will further explore thermochemical principles, equilibrium principles and the properties of organic compounds. This course is intended for those students who wish to study chemistry at tertiary level leading into careers such as: Health Sciences, Engineering, Pharmacy, Physiotherapy, Nursing, Medical Imaging, dentistry.

This course is eligible for Course Endorsement and is a university approved subject.**Total credits: 21**

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91388	Demonstrate understanding of spectroscopic data in chemistry (3.2)	3	3	Internal	✗	✗	✗	✗
AS 91390	Demonstrate understanding of thermochemical principles and the properties of particles and substances (3.4)	3	5	External	✓	✗	✗	✗
AS 91391	Demonstrate understanding of the properties of organic compounds (3.5)	3	5	External	✓	✗	✗	✗
AS 91392	Describe understanding of equilibrium principles in aqueous systems (3.6)	3	5	External	✓	✓	✗	✗
AS 91393	Demonstrate understanding of oxidation-reduction (3.7)	3	3	Internal	✓	✗	✗	✗

LEVEL 2 PHYSICS (12PHY)**CONTACT: Ms Squibbs****Year 12, Level 2**

Pre-requisites: L1 Mechanics External AS90940 and L1 Math External AS91027 and L1 Physics Investigation Internal AS90935 or Curriculum Leader approval

Course Description: Physics is the science that has an impact on all our lives ranging from the mobile phones we use daily to nuclear power stations that generate electricity. This course is an introduction to the principles of physics and their application to waves, forces and motion, nuclear reactions, and electricity. Learners build their skills in problem solving, mathematical skills and communicating ideas. This course is applicable to a wide range of careers and tertiary study options including: sciences, trades, engineering, aviation, electronics, computing, medicine, health sciences, optometry, physiotherapy, radiotherapy and architecture.

This course is eligible for Course Endorsement.

Total credits: 22

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91168	Carry out a practical physics investigation that leads to a non-linear mathematical relationship (2.1)	2	4	Internal	✓	✓	✗	✗
AS 91169	Demonstrate understanding of physics relevant to selected context	2	3	Internal	✓	✗	✗	✗
AS 91171	Demonstrate understanding of mechanics (2.4)	2	6	External	✓	✓	✗	✗
AS 91173	Demonstrate understanding of electricity and electromagnetism (2.6)	2	6	External	✓	✓	✗	✗
AS 91525	Demonstrate understanding of Atomic and Nuclear Physics (2.5)	2	3	Internal	✓	✗	✗	✗

LEVEL 3 PHYSICS (13PHY)**CONTACT: Ms Squibbs****Year 13, Level 3**

Pre-requisites: 14 credits from Level 2 Physics including at least one L2 Physics external or Curriculum Leader approval

Course Description: Students build on their conceptual understanding and use mathematical skills as a problem-solving tool. This course is a continuation of the level 2 Physics course and is designed for learners wanting to take Physics at University. This course is applicable to a wide range of careers and tertiary study options including: sciences, engineering, aviation, electronics, software, medicine, radiotherapy and architecture.

This course is eligible for Course Endorsement and is a university approved subject.

Total credits: 23

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91521	Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship (3.1)	3	4	Internal	✓	✗	✗	✗
AS 91523	Demonstrate understanding of wave systems (3.3)	3	4	External	✓	✗	✗	✗
AS 91524	Demonstrate understanding of mechanical systems (3.4)	3	6	External	✓	✗	✗	✗
AS 91525	Demonstrate understanding of modern physics (3.5)	3	3	Internal	✓	✗	✗	✗
AS 91526	Demonstrate understanding of electrical systems (3.6)	3	6	External	✓	✗	✗	✗

SOCIAL SCIENCE incl COMMERCE

	Y9	Y10	Y11	Y12	Y13
SOCIAL SCIENCES incl COMMERCE	Social Studies c	Social Studies c	Geography	Geography	Geography*
			History	History	History*
			Sociology	Sociology	Sociology
				Pacific Studies	Pacific Studies
				Travel & Tourism Academy	Travel & Tourism Academy
	Commerce	Commerce	Accounting	Accounting	Accounting*
			Business Studies	Business Studies	Business Studies*
			Economics	Economics	Economics*
					Tourism

LEVEL 1 ACCOUNTING (11ACC)

CONTACT: Miss Lingham

Year 11, Level 1

Pre-requisites: Curriculum Leader approval based on Year 10 achievement.

Course Description: Students learn how to keep personal accounting records, to make informed financial decisions, and to prepare financial reports for a small sole proprietor business. Skills learned in accounting will be of a practical and lasting value, irrespective of future careers. This course equips students with valuable skills whether studied as a one-year course, or as a base for study in Years 12 and 13.

This course is eligible for Course Endorsement.

Total Credits: 21

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 90977	Process financial transactions for a small entity (1.2)	1	5	Internal	✗	✗
AS 90978	Prepare financial statements for sole proprietors (1.3)	1	5	External	✗	✗
AS 90980	Interpret accounting information for sole proprietors (1.5)	1	4	External	✓	✗
AS 90981	Make a financial decision for an individual or group (1.6)	1	3	Internal	✓	✗
AS 90982	Demonstrate understanding of cash management for a small entity (1.7)	1	4	Internal	✓	✓

LEVEL 2 ACCOUNTING (12ACC)

CONTACT: Miss Lingham

Year 12, Level 2

Pre-requisites: 12 credits at Level 1 ACC (of which 1 external exam must be passed) or Curriculum Leader approval based on achievement in maths and other commerce in Level 1.

Course Description: Students learn the principles, processes and systems of accounting that give an understanding of the role of accounting in society, improve understanding of business organisation and provide increased awareness of career opportunities in accounting.

This course is eligible for Course Endorsement.

Total credits: 15

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91175	Demonstrate understanding of accounting processing using accounting software (2.2)	2	4	Internal	✗	✓	✗	✗
AS 91176	Prepare financial information for an entity that operates accounting subsystems (2.3)	2	5	External	✗	✓	✗	✗
AS 91179	Demonstrate understanding of an accounts receivable subsystem for an entity (2.6)	2	3	Internal	✓	✓	✗	✗
AS 91386	Demonstrate understanding of an inventory subsystem for an entity (2.7)	2	3	Internal	✓	✓	✗	✗

LEVEL 3 ACCOUNTING (13ACC)

CONTACT: Miss Lingham

Year 13, Level 3

Pre-requisites: 12 credits at Level 1 ACC (of which 1 external exam must be passed) or Curriculum Leader approval based on achievement in maths and other commerce in Level 1.

Course Description: Students learn to prepare accounting records and financial reports for partnerships and companies. Students apply financial knowledge and skills to practical situations.

This course is eligible for Course Endorsement and is a university approved subject.

Total credits: 22

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91405	Demonstrate understanding of accounting for partnerships (3.2)	3	4	Internal	✗	✓	✗	✗
AS 91406	Demonstrate understanding of company financial statement preparation (3.3)	3	5	External	✗	✓	✗	✗
AS 91407	Prepare a report for an external user that interprets the annual report of a New Zealand reporting entity (3.4)	3	5	Internal	✓	✓	✓	✓
AS 91408	Demonstrate an understanding of management accounting to inform decision making (3.5)	3	4	External	✓	✓	✓	✓
AS 91409	Demonstrate understanding of a job cost subsystem for an entity (3.6)	3	4	Internal	✓	✓	✓	✓

LEVEL 1 BUSINESS STUDIES (11BST)**CONTACT: Miss Lingham****Year 11, Level 1****Pre-requisites:** Curriculum Leader approval based on achievement at Year 10

Course Description: Students learn the theory behind running a successful small business. The course covers the production and marketing of a new product; human resource decision-making; and the potential issues facing small business owners. The course equips students with valuable skills whether studied as a one-year course, or as a base for study in Years 12 and 13.

This course is eligible for Course Endorsement.**Total credits: 20**

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 90837	Demonstrate an understanding of internal features of a small business (1.1)	1	4	External	✓	✗
AS 90838	Demonstrate an understanding of external factors influencing a small business (1.2)	1	4	External	✓	✗
AS 90840	Apply the marketing mix to a new or existing product (1.4)	1	3	Internal	✓	✗
AS 90841	Investigate aspects of human resource processes in a business (1.5)	1	3	Internal	✓	✗
AS 90842	Carry out and review a product-based business activity within a classroom context with direction (1.6)	1	6	Internal	✓	✗
AS 90981	Make a financial decision for an individual or group	1	3	Internal	✓	✗

LEVEL 2 BUSINESS STUDIES (12BST)**CONTACT: Miss Lingham****Year 12, Level 2**

Pre-requisites: Curriculum Leader approval based on achievement in Year 11 Business Studies (at least 12 credits required in L1 Business Studies) and attendance of 85% or higher due to the high level of group work required for internals.

Course Description: Students learn how large businesses function and how they respond to outside influences. The course involves students working together to carry out a business activity within the local community. Students will be expected to dedicate some of their own time to this process.

This course is eligible for Course Endorsement.**Total credits: 19**

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 90843	Demonstrate understanding of the internal operations of a large business (2.1)	2	4	External	✓	✗	✗	✗
AS 90846	Conduct market research for a new or existing product (2.4)	2	3	Internal	✓	✓	✗	✗
AS 90847	Investigate the application of motivation theory in a business (2.5)	2	3	Internal	✓	✗	✗	✗
AS 90848	Carry out, review and refine a business activity within a community context with guidance (2.6)	2	9	Internal	✓	✗	✗	✗

LEVEL 3 BUSINESS STUDIES (13BST)

CONTACT: Miss Lingham

Year 13, Level 3

Pre-requisites: Admission only for students who have achieved 14 or more credits in either Level 1 or Level 2 Business Studies and maintained attendance of 85% or higher due to the high level of group work required for the internals.

Course Description: Students learn how NZ businesses function within the global economy. The course covers the operation of their own business through the Young Enterprise Scheme and marketing of their business.

This course is eligible for Course Endorsement and is a university approved subject.

Total credits: 19

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91379	Demonstrate understanding of how internal factors interact within a business that operates in a global context (3.1)	3	4	External	✓	✗	✓	✓
AS 91382	Develop a marketing plan for a new or existing product (3.4)	3	6	Internal	✓	✗	✓	✗
AS 91384	Carry out, with consultation an innovative and sustainable business activity (3.6)	3	9	Internal	✓	✗	✓	✗

LEVEL 1 ECONOMICS (11ECO)

CONTACT: Mr McWhinnie

Year 11, Level 1

Pre-requisites: Curriculum Leader approval based on achievement at Year 10

Course Description: Students learn how internal and external factors affect the decisions that are made by consumers, producers and the government. The course focuses on the concepts of supply and demand. The skills learnt will give students a better understanding of the way in which the global economy works. The course equips students with valuable skills whether studied as a one-year course, or as a base for study in Years 12 and 13.

This course is eligible for Course Endorsement.

Total credits: 24

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 90983	Demonstrate understanding of consumer choices, using scarcity and/or demand (1.1)	1	4	External	✓	✗
AS 90984	Demonstrate understanding of decisions a producer makes about production (1.2)	1	5	Internal	✓	✗
AS 90985	Demonstrate understanding of producer choices using supply (1.3)	1	3	External	✓	✗
AS 90986	Demonstrate understanding of how consumer, producer and/or government choices affect society, using market equilibrium (1.4)	1	5	External	✓	✗
AS 90987	Demonstrate understanding of a government choice where affected groups have different viewpoints (1.5)	1	4	Internal	✓	✗
AS 90988	Demonstrate understanding of the interdependence of sectors of the New Zealand economy (1.6)	1	3	Internal	✓	✗

LEVEL 2 ECONOMICS (12ECO)

CONTACT: Mr McWhinnie

Year 12, Level 2

Pre-requisites: Curriculum Leader approval based on achievement in Year 11 Economics (at least 12 credits required in L1 Economics).

Course Description: Students learn about the causes and possible effects of economic issues such as unemployment, growth, trade and inflation. Students gain an understanding of why certain government policies are used to combat issues in the New Zealand economy.

This course is eligible for Course Endorsement.

Total credits: 18

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91222	Analyse inflation using economic concepts and models (2.1)	2	4	External	✓	✗	✗	✓
AS 91224	Analyse economic growth using economic concepts and models (2.3)	2	4	External	✓	✗	✗	✓
AS 91225	Analyse unemployment using economic concepts and models (2.4)	2	4	Internal	✓	✗	✗	✗
AS 91227	Analyse how government policies and contemporary economic issues interact (2.6)	2	6	Internal	✓	✗	✓	✗

LEVEL 3 ECONOMICS (13ECO)

CONTACT: Mr McWhinnie

Year 13, Level 3

Pre-requisites: Curriculum Leader approval based on achievement in Year 12 Economics (at least 12 credits required in L2 Economics).

Course Description: Students learn about the key issues involved in the operation of the market system and the part governments play in allocating resources. Students learn to describe the workings of the economy as a whole. The course covers specific reasons why some markets succeed and looks at why the government occasionally needs to intervene.

This course is eligible for Course Endorsement and is a university approved subject.

Total credits: 20

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91399	Demonstrate understanding of the efficiency of market equilibrium (3.1)	3	4	External	✓	✗	✓	✓
AS 91401	Demonstrate understanding of micro-economic concepts (3.3)	3	5	Internal	✓	✗	✓	✗
AS 91402	Demonstrate understanding of government interventions to correct market failures (3.4)	3	5	Internal	✓	✗	✓	✗
AS 91403	Demonstrate understanding of macro-economic influences on the New Zealand economy (3.5)	3	6	External	✓	✗	✓	✓

LEVEL 1 SOCIOLOGY (11SOC)

CONTACT: Ms Bodman

Year 11, Level 1

Pre-requisites: Curriculum Leader approval based on levels of achievement in Year 10 Social Studies and Year 10 English. Level 1 Sociology leads on to all senior Social Sciences subjects.

Course Description: Level 1 Sociology is an exciting course about people, society and human rights. The theme for the Year 11 programme is 'New Zealand Today'. Throughout the year we examine important issues such as homelessness in Aotearoa/New Zealand, #BlackLivesMatter and how cultures change. Students will work in groups to take action to promote social justice and human rights and conduct an independent inquiry on a social movement that is making positive global change. The course includes a field trip to Merge Café, a community-run café on Karangahape Road. Level 1 Sociology has four internal assessments and one external assessment.

This course is eligible for Course Endorsement.

Total credits: 22 credits

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 90818	Describe the application of the key ethical principle(s) of a religious tradition to an issue	1	6	Internal	✓	✗
AS 90853	Use information literacy skills to form conclusion(s)	1	4	Internal	✓	✗
AS 91039	Describe how cultures change	1	4	External	✓	✗
AS 91040	Conduct a social enquiry	1	4	Internal	✓	✗
AS 91042	Report on personal involvement in a social justice and human rights action	1	4	Internal	✓	✗
AS 91043	Describe a social justice and human rights action	1	4	External	✓	✗

LEVEL 2 SOCIOLOGY (12SOC)

CONTACT: Ms Bodman

Year 12, Level 2

Pre-requisites: Curriculum Leader approval based on 12+ credits (including 4 credits from one external assessment) in Year 11 Sociology, Year 11 History, Year 11 Geography or Year 11 English. Level 2 Sociology leads on to all Level 3 Social Sciences subjects.

Course Description: The theme for Level 2 Sociology is 'Contemporary Society'. Level 2 Sociology builds on the Level 1 Sociology course about people, society and human rights in our world today. We examine important issues such as Ihumatao, women's rights, the refugee crisis and how cultural conflicts can be addressed. Students will conduct an independent inquiry into a social movement that is making positive global change, and plan and carry out a social action related to rights and responsibilities. The course includes a trip to Ihumatao. Level 2 Sociology has four internal assessments and one external assessment.

This course is eligible for Course Endorsement.

Total credits: 24 credits

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 90822	Explain how a contemporary social action derives from the ethical principles of a religious tradition	2	6	Internal	✓	✗
AS 91280	Conduct a reflective social inquiry	2	5	Internal	✓	✗
AS 91281	Describe how cultural conflict(s) can be addressed	2	4	External	✓	✗
AS 91282	Describe personal involvement in a social action related to rights and responsibilities	2	5	Internal	✓	✗
AS 91283	Describe a social action that enables communities and/or nations to meet responsibilities and exercise rights	2	4	Internal	✓	✗

LEVEL 3 SOCIOLOGY (13SOC)**CONTACT: Ms Bodman****Year 13, Level 3**

Pre-requisites: Curriculum Leader approval based on levels of achievement in Level 2 Sociology. Students must have 12+ credits in Level 2 Social Studies including 4 credits from the external assessment.

Course Description: The theme for Level 3 Sociology is 'Humanity and Change'. Level 3 builds on the Level 2 Sociology course about people, society and human rights in our world today. We examine important issues such as #BlackLivesMatter, Climate Change in the Pacific, Euthanasia and how ideologies shape the way people respond to current issues. Students will conduct a critical inquiry on a social movement that is making positive global change, and plan and carry out a social action to influence policy change. This course is assessed against Level 3 Social Studies which is a university approved subject. It has four internal assessments and one external assessment.

This course is eligible for Course Endorsement.

Total credits: 28 credits

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 90826	Analyse the response of a religious tradition to a contemporary ethical issue	3	6	Internal	✓	✗
AS 91596	Demonstrate understanding of ideological responses to an issue	3	4	External	✓	✗
AS 91597	Conduct a critical social inquiry	3	6	Internal	✓	✗
AS 91599	Examine personal involvement in a social action(s) that aims to influence policy change(s)	3	6	Internal	✓	✗
AS 91600	Examine a campaign of social action(s) to influence policy change(s)	3	6	Internal	✓	✗

LEVEL 1 GEOGRAPHY (11GEO)**CONTACT: Mrs Thomas****Year 11, Level 1**

Pre-requisites: Curriculum Leader approval based on levels of achievement in Year 10 Social Studies.

Course Description: Geography is the study of how people interact with the environment. Students study tsunamis, environmental issues such as the use of 1080 poison and how tourism impacts the sustainability of an environment. One external standard will be undertaken.

This course is eligible for Course Endorsement.

Total credits: 17

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 91007	Demonstrate geographic understanding of environments that have been shaped by extreme natural event(s) (1.1)	1	4	External	✓	✗
AS 91009	Demonstrate geographic understanding of the sustainable use of an environment (1.3)	1	3	Internal	✓	✗
AS 91011	Conduct geographic research, with direction (1.5)	1	4	Internal	✓	✓
AS 91012	Describe aspects of a contemporary New Zealand geographic issue (1.6)	1	3	Internal	✓	✗
AS 91013	Describe aspects of a geographic topic at a global scale (1.7)	1	3	Internal	✓	✗

LEVEL 2 GEOGRAPHY (12GEO)

CONTACT: Mrs Thomas

Year 12, Level 2

Pre-requisites: Curriculum Leader approval based on achievement in Level 1 (at least 12 credits in Level 1 Geography or another literacy-based subject)

Course Costs: \$275.00 - \$25.00 Course Booklet and \$250 for three day Tongariro field trip, (this cost may change depending on numbers).

Course Description: Year 12 Geography offers students the opportunity to study New Zealand's Tongariro National Park and the Amazon, with a field trip to Tongariro National Park. Students will also study the global pattern of fertility and examine urban patterns in Chicago with crime as a case study. One external exam will be undertaken at the end of the year.

This course is eligible for Course Endorsement.

Total credits: 19 (minimum)

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91240	Demonstrate geographic understanding of a large natural environment (2.1)	2	4	External	✓	✗	✓	✓
AS 91241	Demonstrate geographic understanding of an urban pattern (2.2)	2	3	Internal	✓	✗	✗	✗
AS 91244	Conduct geographic research with guidance (2.5)	2	5	Internal	✓	✓	✗	✗
AS 91245	Explain aspects of a contemporary New Zealand geographic issue (2.6)	2	3	Internal	✓	✗	✗	✗
AS 91246	Explain aspects of a geographic topic at a global scale (2.7)	2	3	Internal	✓	✗	✗	✗
*AS 91243	Apply geography concepts and skills to demonstrate understanding of a given environment (2.4)	2	4	External	✓	✗	✗	✗

**Students will be offered at the discretion of the teacher*

LEVEL 3 GEOGRAPHY (13GEO)

CONTACT: Mrs Thomas

Year 13, Level 3

Pre-requisites: Curriculum Leader approval based on achievement in Level 2 (at least 12 credits in Level 2 Geography or another literacy-based subject). **Cannot also take Level 3 Pacific Studies**

Course Description: Students will examine human trafficking, migration in China, the pattern of coral reefs and the event planning of Polyfest. They will also carry out research. There is one compulsory field trip.

This course is eligible for Course Endorsement and is a university approved subject.

Total credits: 18

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91427	Demonstrate understanding of how a cultural process shapes geographic environment(s) (3.2)	3	4	External	✓	✗	✓	✓
AS 91430	Conduct geographic research with consultation (3.5)	3	5	Internal	✓	✓	✗	✗
AS 91431	Analyse aspects of a contemporary geographic issue (3.6)	3	3	Internal	✓	✗	✓	✗
AS 91432	Analyse aspects of a geographic topic at a global scale (3.7)	3	3	Internal	✓	✗	✗	✗
AS 9142	Analyse a significant contemporary event from a geographic perspective (3.3)	3	3	Internal	✓	✗	✓	✗

LEVEL 1 HISTORY (11HIS)

CONTACT: Miss Philson

Year 11, Level 1

Pre-requisites: Curriculum Leader approval based on achievement in Year 10 Social Studies.

Course Costs: \$250.00 for Bay of Islands Trip

Course Description: Theme: The Power of Protest. Students learn to describe and interpret historical events through reading and understanding textbooks. They investigate sources such as letters, real people and information from times past, view videos and discuss ideas. Students learn to communicate their ideas in various ways, ranging from essay writing to analyzing sources about the past. The year will focus on the theme of racial persecution and the topics include the Polynesian Panther Movement, the Springbok Tour and the Mau Movement.

This course is eligible for Course Endorsement.

Total credits: 20

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 91001	Carry out an investigation of an historical event, or place, of significance to New Zealanders (1.1)	1	4	Internal	✓	✗
AS 91002	Demonstrate understanding of an historical event, or place, of significance to New Zealanders (1.2)	1	4	Internal	✓	✗
AS 91003	Interpret sources of an historical event of significance to New Zealanders (1.3)	1	4	External	✓	✗
AS 91004	Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders (1.4)	1	4	Internal	✓	✗
AS 91005	Describe the causes and consequences of an historical event (1.5)	1	4	External	✓	✗

LEVEL 2 HISTORY (12HIS)

CONTACT: Miss Philson

Year 12, Level 2

Pre-requisites: Curriculum Leader approval based on achievement at previous levels (at least 12 credits from Level 1 History) and the external essay.

Course Description: Theme: Colonial Powers in the 20th Century. Students interpret and explain historical events through reading and understanding books, investigating various sources such as original writings, news articles and cartoons from times past, viewing videos and discussing ideas. Students learn to communicate their ideas in various ways, ranging from essay writing to analysing sources. The year will focus on a theme of resistance and topics will include the Underground Railroad, Nazi Persecution and the Salem Witch Trials.

This course is eligible for Course Endorsement.

Total credits: 23

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91229	Carry out an inquiry of an historical event or place that is of significance to New Zealanders (2.1)	2	4	Internal	✓	✗	✓	✗
AS 91230	Examine an historical event or place that is of significance to New Zealanders (2.2)	2	5	Internal	✓	✗	✓	✗
AS 91231	Examine sources of an historical event that is of significance to New Zealanders (2.3)	2	4	External	✓	✗	✓	✓
AS 91232	Interpret different perspectives of people in an historical event that is of significance to New Zealanders (2.4)	2	5	Internal	✓	✗	✓	✗
AS 91233	Examine causes and consequences of an historical event (2.5)	2	5	External	✓	✗	✓	✓

LEVEL 3 HISTORY (13HIS)**CONTACT: Miss Philson****Year 13, Level 3**

Pre-requisites: Curriculum Leader approval based on achievement at previous levels (at least 12 credits in Level 2 History) and the external essay.

Course Description: Theme: Changing Worlds

Students interpret and analyse historical events through reading and understanding books; researching and analysing various sources such as descriptions of events, personal perspectives and accounts from times past; evaluating videos and other sources, and discussing ideas. Students communicate their ideas in various ways, such as formal essay writing and analyzing sources. Topics include the hidden history of New Zealand, the British Suffrage Movement and the My Lai Massacre.

This course is eligible for Course Endorsement and is a university approved subject.

Total credits 21

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91434 or US 5840	Research an historical event or place of significance to New Zealanders, using primary and secondary sources (3.1)	3	5	Internal	✓	✗	✓	✗
AS 91437	Analyse different perspectives of a contested event of significance to New Zealanders (3.4)	3	5	Internal	✓	✗	✓	✗
AS 91438	Analyse the causes and consequences of a significant historical event (3.5)	3	6	External	✓	✗	✓	✓
AS 91435	Analyse an historical event, or place, of significance to New Zealanders (3.2)	3	5	Internal	✓	✗	✓	✗

LEVEL 2 PACIFIC STUDIES (12PAC)**CONTACT: Mr Patalo****Year 12, Level 2**

Pre-requisites: Open entry.

Course Description: Pacific Studies is an interdisciplinary subject that covers a range of topics that are important to Pacific peoples, places and ideas. The Year 12 course will cover Pacific identity, the importance of Pasifika families, voyaging through the Pacific and how to perform a presentation. Throughout the year we will learn how to conduct ethical and reciprocal Pacific research through methods such as talanoa and kakala.

This course is not eligible for Course Endorsement.

Total credits: 19

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
US 17163	Carry out an investigation into an aspect of Pacific indigenous knowledge with guidance	2	5	Internal	✗	✗	✗	✗
US 17166	Carry out an investigation into an aspect of Pacific change and development with guidance	2	5	Internal	✗	✗	✗	✗
US 17169	Carry out an investigation into an aspect of Pacific society with guidance	2	5	Internal	✗	✗	✗	✗
US 8994	Examine a Social Institution	2	4	Internal	✗	✗	✗	✗

LEVEL 3 PACIFIC STUDIES (13PAC)**CONTACT: Mr Patalo****Year 13, Level 3**

Pre-requisites: Open entry, but successful completion of Level 2 Pacific Studies or another literacy-based subject is advisable.
Cannot also take Level 3 Geography.

Course Description: Pacific Studies is an interdisciplinary subject that covers a range of topics that are important to Pacific peoples, places and ideas. The Year 13 course will cover Pacific identity, religion, Pacific film and how to perform a presentation. Throughout the year we will learn to conduct ethical and reciprocal Pacific research through methods such as talanoa and kakala.

This course is not eligible for Course Endorsement.

Total credits: 19

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
US 17170	Draw a conclusion after investigating a hypothesis on an aspect of Pacific society	3	6	Internal	x	x	x	x
US 17174	Draw a conclusion after investigating a hypothesis on an aspect of indigenous Pacific society	3	6	Internal	x	x	x	x
US 8995	Evaluate a Social Institution	3	4	Internal	x	x	x	x
US 26540	Communicate comprehensive understanding of an aspect of pacific culture through a planned presentation with consultation	3	3	Internal	x	x	x	x

LEVEL 2 TRAVEL & TOURISM ACADEMY (Year 11)**CONTACT: Ms Sabbage****Year 11, Level 2 (12TTA)**

Pre-requisites: Curriculum Leader approval based on an interview. Students must be interested in a career in the Travel and Tourism industry and must have at least 85% attendance (as per Gateway requirements).

Course Description: This course will introduce students to the study and employment opportunities available within the travel and tourism industry. Students will get the opportunity to gain the qualifications/criteria required to enter a L3/L4 industry specific course and entry level skills and personal qualities required by the industry. There will be guest speakers and opportunities to engage with outside training providers from the tourism industry.

This course is not eligible for Course Endorsement.

Total credits: 22

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
US 24727	Describe and compare impacts of tourism on the physical environment	2	3	Internal	x	x	x	x
US 24728	Demonstrate knowledge of work roles in tourism	2	3	Internal	x	x	x	x
US 24730	Demonstrate knowledge of the business of tourism	2	4	Internal	x	x	x	x
US 24731	Demonstrate knowledge of Destination NZ	2	4	Internal	x	x	x	x
US 24732	Demonstrate knowledge of tourist characteristics and needs	2	3	Internal	x	x	x	x
US 23761	Read and comprehend work-related documents in English for a tourism workplace (optional). <i>May be offered to selected students.</i>	2	3	Internal	x	x	x	x
US 24726	Describe and compare social and cultural impacts of tourism	2	2	Internal	x	x	x	x

LEVEL 3 TRAVEL & TOURISM ACADEMY (Year 12)

Year 12, Level 3 (13TTA)

CONTACT: Ms Sabbage

Pre-requisites: Curriculum Leader approval. Students SHOULD have satisfactorily completed Year 11 Travel & Tourism Academy. Students must be interested in a career in the Travel and Tourism industry and must have at least 85% attendance (as per Gateway requirements). **Students in this course will be considering moving into fulltime employment or tertiary study at the end of 2021.**

Course Description: This course will introduce students to the key destinations of Tourism. Students will get the opportunity to gain the qualifications/criteria required to enter a L3/L4 industry specific course and entry level skills and personal qualities required by the industry. There will be guest speakers and opportunities to engage with outside training providers from the tourism industry. Students will also get the opportunity to apply for Gateway and gain valuable work experience within the tourism industry.

This course is not eligible for Course Endorsement.

Total credits: 27

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
US 18212	Demonstrate knowledge of New Zealand as a tourist destination	3	8	Internal	x	x	x	x
US 24725	Describe and analyse the economic impact of tourism	3	4	Internal	x	x	x	x
US 24733	Describe and promote a New Zealand tourist destination	3	4	Internal	x	x	x	x
US 28126	Demonstrate knowledge of world geography, including Pacific Islands and Australia relevant to the travel industry	3	5	Internal	x	x	x	x
US 31071	Identify and explain the cultural significance of natural and manmade attractions in tourism maori	3	6	Internal	x	x	x	x

LEVEL 3 TOURISM (13TOU)

Year 13, Level 3

CONTACT: Ms Sabbage

Pre-requisites: Open entry, but successful completion of literacy-based subjects is advisable. 85% attendance is required.

Course Description: This course provides students with an introduction to the tourism industry. This course contributes to the attainment of the National Certificate in Tourism (Introductory Skills - Level 2) which in turn can lead to qualifications and careers in outbound travel such as travel consultancy or wholesale travel, and inbound tourism within the New Zealand tourism industry.

This course is not eligible for Course Endorsement.

Total credits: 25

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
US 3727	Demonstrate knowledge of Pacific Island countries as visitor destinations	3	5	Internal	x	x	x	x
US 18211	Demonstrate knowledge of Australia as a visitor destination	3	8	Internal	x	x	x	x
US 24733	Describe and promote a New Zealand tourist destination	3	4	Internal	x	x	x	x
US 18212	Demonstrate knowledge of New Zealand as a tourist destination	3	8	Internal	x	x	x	x

TE REO MĀORI

	Y9	Y10	Y11	Y12	Y13
TE REO MĀORI	Te Reo Māori	Te Reo Māori	Te Reo Māori	Te Reo Māori	Te Reo Māori

LEVEL 1 TE REO MĀORI (11MAO)

CONTACT: Whaea Chez O'Donnell

Year 11, Level 1

“Ko te reo te hā ō te Māori”. “Language is the essence of being Māori”.

Te Reo Māori can be studied to NCEA Level 3. As an official language in New Zealand, it is sought after in the job market as its use in the media, education, and government has increased in recent years. In addition, it is becoming more and more a marker of New Zealand national identity, not just for those of Māori heritage but at a national level.

Pre-requisites: Year 10 Te Reo Māori or Curriculum Leader's approval.

Course Description:

Te Reo Māori for NCEA Level 1 consolidates, extends and up skills students in the four main language skills Pānui (Reading), Tuhituhi (Writing), Korero (Speech) and Whakarongo (Listening). Students should be able to:

- Communicate about immediate past activities
- Give and follow directions
- Understand specific detail and overall meaning in a range of short written texts, consisting of mainly familiar language
- Describe familiar events, people and things
- Use resources, e.g. dictionaries and glossaries to experiment with some new language in writing and to check spelling
- Understand a range of short written texts that consist mainly of familiar language
- Give short prepared talks on familiar topics

This course is eligible for Course Endorsement.

Total credits: 30

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 91085	Whakarongo kia mohio ki te reo o tona ao (1.1)	1	6	Internal	✓	✗
AS 91086	Korero kia whakamahi i te reo o tona ao (1.2)	1	6	Internal	✓	✗
AS 91087	Pānui kia mohio ki te reo o tona ao (1.3)	1	6	External	✓	✗
AS 91088	Tuhi i te reo o tona ao (1.4)	1	6	External	✓	✗
AS 91089	Waihanganga tuhinga i te reo o tona ao (1.5)	1	6	Internal	✓	✗

LEVEL 2 TE REO MĀORI (12MAO)

CONTACT: Whaea Chez O'Donnell

Year 12, Level 2

Ko te reo te hā ō te Māori”. “Language is the essence of being Māori”.

Pre-requisites: Achievement of at least 12 credits in Level 1 Te Reo Māori or Curriculum Leader approval based on Level 1 results from Te Reo Māori.

Course Description: This course maintains continuity from Level 1. Students develop their language skills in a variety of contexts with an emphasis on encouraging Wairua Māori. It is recommended that students involve themselves in some way with Te Whānau o Puakiekie, the school's Kapa Haka group. Students will learn to:

- Distinguish between past and present actions and states
- Understand specific details in contexts that may contain some unfamiliar language
- Discuss topics of mutual interest
- Use resources such as dictionaries and glossaries to experiment with new language and review writing for accuracy
- Use appropriate writing conventions
- Use appropriate pronunciation, stress, rhythm and intonation
- Write a range of text types and more extended texts, e.g. formal letters, personal letters, blogs, longer essays, descriptions and narratives

This course is eligible for Course Endorsement.

Total credits: 28

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91284	Whakarongo kia mohio ki te reo o te ao torotoro (2.1)	2	4	Internal	✓	✗	✗	✗
AS 91285	Korero kia whakamahi i te reo o te ao torotoro (2.2)	2	6	Internal	✓	✗	✗	✗
AS 91286	Panui kia mohio ki te reo o te ao torotoro (2.3)	2	6	External	✓	✗	✓	✗
AS 91287	Tuhi i te reo o te ao torotoro (2.4)	2	6	External	✓	✗	✗	✓
AS 91288	Waihanga tuhinga auaha, i te reo o te ao torotoro (2.5)	2	6	Internal	✓	✗	✗	✓

LEVEL 3 TE REO MĀORI (13MAO)

CONTACT: Whaea Chez O'Donnell

Year 13, Level 3

“Ko te reo te hā ō te Māori”. “Language is the essence of being Māori”

Pre-requisites: Achievement of at least 12 credits in Level 2 Te Reo Māori or Curriculum Leader approval.

Course Description: This course deepens the language skills acquired from Level 2 and students will be expected to go deeper into the meaning of texts as well as speak and write on a broader range of issues. It is recommended that students involve themselves in some way with Te Whānau o Puakiekie, the school's Kapa Haka group.

Students will:

- Understand much of what other speakers of Te Reo Māori say about a range of topics across a range of spoken text types, formal and informal
- Understand much of what is written in Te Reo Māori about a range of topics across a range of written text types intended for different purposes and audiences
- Use Te Reo Māori to entertain and persuade as well as to inform
- Write in Te Reo Māori about a range of topics, using words and expressions that are appropriate for the purpose and intended audience
- Produce a wide range of spoken text types, formal and informal

This course is eligible for Course Endorsement and is a university approved subject.

Total credits: 28

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91650	Whakarongo kia mohio ki te reo Maori o te ao whanui	3	4	Internal	✓	✗	✗	✗
AS 91651	Korero kia whakamahi i te reo Maori o te ao whanui (3.2)	3	6	Internal	✓	✗	✗	✗
AS 91652	Panui kia mohio ki te reo Maori o te ao whanui (3.3)	3	6	External	✓	✗	✓	✗
AS 91653	Tuhi i te reo Maori o te ao whanui (3.4)	3	6	External	✓	✗	✗	✓
AS 91654	Waihanga tuhinga whai take i te reo Maori o te ao whanui (3.5)	3	6	Internal	✓	✗	✗	✓

TECHNOLOGY

	Y9	Y10	Y11	Y12	Y13
TECHNOLOGY	Food Technology	Food Technology	Food Technology & Hospitality	Food Technology	Food Technology*
				Hospitality	Hospitality
	Design & Visual Communication	Design & Visual Communication	Design & Visual Communication	Design & Visual Communication	Design & Visual Communication *
	Product Design	Product Design	Product Design	Product Design	Product Design*
			Carpentry	Carpentry	
		Media Studies	Media Studies	Media Studies	Media Studies*

LEVEL 1 CARPENTRY (11CAR)

CONTACT: Ms Nelson

Year 11, Level 1 & 2

Pre-requisites: Open entry – Student numbers limited to 24

Course Costs: \$50.00 for take home component of materials

Course Description: Students develop a fundamental understanding of safety procedures, reading specified plans, measuring and marking out materials, cutting and shaping techniques, joining components and surface finishing. They are shown a range of different types of joinery and are required to demonstrate the use of joints in two specified projects. They are also given the opportunity in Term 3 to build another project that must implement four different types of materials. The students evaluate the materials and their suitability in the construction of their project.

This course is not eligible for Course Endorsement.

Total credits 23

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
US 12932	Construct timber garden furniture and items of basic construction equipment as a BCATS project.	2	8	Internal	×	×
US 24352	Demonstrate knowledge of and apply safe working practices in the construction of a BCATS project	1	2	Internal	×	×
US 24356	Apply elementary workshop procedures and processes for BCATS projects	1	8	Internal	×	×
US 25919	Use hardware and fastenings for a BCATS project	1	2	Internal	×	×
US 25920	Use joints for a BCATS project	1	3	Internal	×	×

LEVEL 2 CARPENTRY (12CAR)

CONTACT: Ms Nelson

Year 12, Level 2

Pre-requisites: Curriculum Leader approval based on successful completion of Level 1 Carpentry. – Student numbers limited to 24

Course Costs: \$60.00 for take home component of materials

Course Description: Students build on their understanding and skills in carpentry. Through construction projects, they develop skills in safety procedures, reading plans, planning projects, measuring and marking out materials, cutting and shaping techniques, joining components and surface finishing. Using power tools and hand tools to complete table cabinet and letter box projects.

This course is not eligible for Course Endorsement.

Total credits: 24

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
US 12927	Identify, select, maintain and use hand tools for BCATS projects	2	6	Internal	×	×	×	×
US 24350	Identify, select, maintain, and use portable power tools for BCATS projects	2	6	Internal	×	×	×	×
US 24354	Demonstrate knowledge of and apply safe working practices in a BCATS workplace	2	4	Internal	×	×	×	×
US 24358	Plan and monitor the construction of a BCATS project, and quality check the product	2	2	Internal	×	×	×	×
US 25921	Make a cupboard as a BCATS project	2	6	Internal	×	×	×	×

LEVEL 1 DESIGN AND VISUAL COMMUNICATION (11DVC) CONTACT: Ms Nelson

Year 11, Level 1

Course Costs: \$80.00 for take home component of materials

Course Description: Students learn to research and produce a range of drawings in response to a design need. Students will experience a site visit for their spatial design project.

This course is eligible for Course Endorsement.

Total credits 19

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 91063	Produce freehand sketches that communicate design ideas (1.30)	1	3	External	✗	✗
AS 91066	Use rendering techniques to communicate the form of design ideas (1.33)	1	3	Internal	✗	✗
AS 91067	Use the work of an influential designer to inform design ideas (1.34)	1	3	Internal	✗	✗
AS 91068	Undertake development of design ideas through graphics practice (1.35)	1	6	Internal	✗	✗
AS 91069	Promote an organised body of design work to an audience using visual communication techniques (1.36)	1	4	Internal	✓	✗

LEVEL 2 DESIGN AND VISUAL COMMUNICATION (12DVC) CONTACT: Ms Nelson

Year 12, Level 2

Pre-requisites: Curriculum Leader approval based on achievement of at least 12 credits in Level 1 DVC.

Course Costs: \$55.00 for take home component of materials

Course Description: Students learn to research and produce a range of drawings in response to a design need. Students will experience a site visit for the spatial design.

This course is eligible for Course Endorsement.

Total credits 22

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91337	Use visual communication techniques to generate design ideas (2.30)	2	3	External	✗	✗	✗	✗
AS 91343	Use visual communication techniques to compose a presentation of a design (2.36)	2	4	Internal	✗	✗	✗	✗
AS 91340	Use the characteristics of a design movement or era to inform own design ideas (2.33)	2	3	Internal	✓	✗	✗	✗
AS 91341	Develop a spatial design through graphics practice (2.34)	2	6	Internal	✓	✗	✗	✗
AS 91342	Develop and product design through graphics practice (2.35)	2	6	Internal	✗	✗	✗	✗
*AS 91339	Produce instrumental perspective projection drawings to communicate design ideas (2.32)	2	3	External	✗	✗	✗	✗

**Students will be offered at the discretion of the teacher*

LEVEL 3 DESIGN AND VISUAL COMMUNICATION (13DVC) CONTACT: Ms Nelson

Year 13, Level 3

Pre-requisites: Curriculum Leader approval based on achievement of at least 14 credits at Level 2DVC.

Course Costs: \$60.00 for take home component of materials

Course Description: Students learn to research and produce a range of drawings in response to a design need. Plan and exhibit their work for the end of year exhibition and site visit to One Tree Hill.

This course is eligible for Course Endorsement and is a university approved subject.

Total credits: 26

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91627	Initiate design ideas through exploration (3.30)	3	4	External	✗	✗	✗	✗
AS 91628	Develop a visual presentation that exhibits a design outcome to an audience (3.31)	3	6	Internal	✗	✗	✗	✗
*AS 91629	Resolve a spatial design through graphics practice (3.32) OR	3	6	Internal	✗	✗	✗	✗
*AS 91630	Resolve a product design through graphics practice (3.33)	3	6	Internal	✗	✗	✗	✗
AS 91622	Implement complex procedures to make a specified product using a computer numerical controlled CNC machine (3.22)	3	4	Internal	✗	✗	✗	✗

* Students choose to do either AS 91629 or AS 91630

LEVEL 1 FOOD TECHNOLOGY & HOSPITALITY (11FTH) CONTACT: Ms Nelson

Year 11, Level 1

Pre-requisites: Year 9 and/or Year 10 students will be given preference

Course Costs: \$80.00 for take home component of materials

Course Description. Food Technology & Hospitality will be a combination of Food Technology achievement standards and Hospitality unit standards. In Food Technology students will follow the steps used in creating and developing new food products. In Hospitality they will develop their practical skills. In both areas, students will participate in a range of food related practical activities designed to develop skills and understand the benefits of health food choices. Food Studies will help students to understand the difference between the two subjects and enable them, to select the appropriate pathway at Level 2 and 3. There are no written examinations. Students submit a portfolio at the end of the unit of work.

This course is eligible for Course Endorsement.

Total credits: 25

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 91044	Undertake brief development to address a need or opportunity (1.1)	1	4	Internal	✓	✗
AS 91046	Use design ideas to produce a conceptual design for an outcome to address a brief (1.3)	1	6	Internal	✗	✗
AS 91048	Demonstrate understanding of how technological modeling supports decision making (1.5)	1	4	External	✓	✗
AS 91082	Implement basic procedures to process a specified product (1.6)	1	4	Internal	✗	✗
US 15919	Prepare and present hot finger food in the hospitality industry	1	2	Internal	✗	✗
US 19770	Prepare and present egg and cheese dishes in the hospitality industry	1	3	Internal	✗	✗
US 21059	Demonstrate knowledge of knife care, use, storage and carrying for the hospitality industry	1	2	Internal	✗	✗

LEVEL 2 FOOD TECHNOLOGY (12FOT)

CONTACT: Ms Nelson

Year 12, Level 2

Pre-requisites: 12 credits from Level 1 Food Technology or Curriculum Leader approval.

Course Costs: \$80.00 for take home component of materials

Course Description: This course is designed for those students with an interest in food and would like a career in a food related industry. Students will learn a range of practical skills which they will use to create a new food product. They will research and develop a practical solution to a real-life food-based problem. There are no written examinations. Students submit a portfolio of evidence of work at the end of each achievement standard.

This course is eligible for Course Endorsement.

Total credits: 18 (minimum)

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91351	Implement advanced procedures to process a specified product (2.60)	2	4	Internal	✗	✗	✗	✗
AS 91354	Undertake brief development to address an issue (2.1)	2	4	Internal	✗	✗	✗	✗
AS 91356	Develop a conceptual design for an outcome (2.3)	2	6	Internal	✗	✗	✗	✗
*AS 91357	Undertake effective development to make and trial a prototype (2.4)	2	6	Internal	✗	✗	✗	✗
*AS 91359	Demonstrate the role of material evaluation in product development (2.6)	2	4	External	✓	✗	✗	✗

**Students will do either AS 91357 or AS 91359 at teacher's discretion*

LEVEL 3 FOOD TECHNOLOGY (13FOT)

CONTACT: Ms Nelson

Year 13, Level 3

Pre-requisites: 14 credits at Level 2 Food Technology or Curriculum Leader approval.

Course Costs: \$80.00 for take home component of materials

Course Description: This course is designed for those students with an interest in food and are seeking a pathway to a career that is university based. It will build on the skills and knowledge acquired in Level 2. Students will learn how the choice of materials used impacts on product creation. Following a brief, they will test and improve their design ideas in order to create a product that is fit for purpose. There are no written examinations. Students submit a portfolio of evidence of work at the end of the standard.

This is a university approved subject and the course is eligible for course endorsement.

Total credits: 26

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91608	Undertake development to address an issue within a determined context (3.1)	3	4	Internal	✓	✗	✗	✗
AS 91610	Develop a conceptual design considering fitness for purpose in the broadest sense (3.3)	3	6	Internal	✓	✗	✗	✗
AS 91611	Develop a prototype considering fitness for purpose in the broadest sense (3.4)	3	6	Internal	✓	✗	✗	✗
AS 91612	Demonstrate understanding of how technological modeling supports technological development (3.5)	3	4	External	✓	✗	✗	✗
AS 91643	Implement complex procedures to process a specified product (3.60)	3	6	Internal	✓	✗	✗	✗

LEVEL 2 HOSPITALITY (12HOS)

CONTACT: Ms Nelson

Pre-requisites: Open entry (student numbers limited to 24), willingness to undertake practical and written work.

Course Costs: \$70.00 for take home component of materials

Course Description: Designed for senior students to introduce them to the practical skills they'll need for a career in the culinary or hospitality industries.

Standards offered may include unit standards assessing: Kitchen hygiene and food safety, basic culinary skills (knife skills, preparation skills and presentation skills), coffee making (barista coffee), food and beverage table service, customer and hotel guest service

LEVEL 3 HOSPITALITY (13HOS)

CONTACT: Ms Nelson

Pre-requisites: 14 credits from Level 2 Hospitality or Curriculum Leader approval.

Course Costs: \$80.00 for take home component of materials

Course Description: Students will have the chance to develop a range of practical and theoretical skills in the hospitality kitchen. Successful achievement of all the standards will ensure that students have skills which could be transferable to entry level employment in cafes and food businesses in New Zealand.

Please Note: The standards offered in this course require students to be exposed to 'commercial realism' so they will be required to prepare and serve food to the public or staff, sometimes before or after school. The practical standards cannot be achieved without this, therefore students signing up to this course **must** be able to commit to this time requirement in order to achieve.

This is a unit standard based course. The standards offered will be from the table below, based on course requirements and at the discretion of the teacher.

Total credits: 27

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
US 13314	Prepare and cook egg dishes in a commercial kitchen	3	4	Internal	×	×	×	×
US 13316	Prepare and cook basic pasta dishes in a commercial kitchen	3	3	Internal	×	×	×	×
US 13322	Prepare and cook basic pastry dishes in a commercial kitchen	3	4	Internal	×	×	×	×
US 13325	Prepare and bake basic cakes, sponges and scones in a commercial kitchen	3	4	Internal	×	×	×	×
US 30916	Prepare and present basic hot and cold canapes in a commercial kitchen	3	4	Internal	×	×	×	×
US 17284	Demonstrate knowledge of coffee origin and production	3	3	Internal	×	×	×	×
US 17288	Prepare and present espresso beverages for service	3	5	Internal	×	×	×	×

LEVEL 1 PRODUCT DESIGN (11PRD)**CONTACT: Ms Nelson**

Year 11, Level 1

Pre-requisites: Successful completion of Year 10 Product Design or DVC**Course Costs:** \$50.00 for take home component of materials

Course Description: Students will learn about materials, processes and steps involved in the design and manufacture of products and solutions to real life situations. Students will develop research, investigation, graphics, design and manufacturing skills and will have access to workshop tools, machinery and computer aided manufacturing facilities to realize their products.

This course is eligible for Course Endorsement.**Total credits: 25**

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 91044	Undertake brief development to address a need or opportunity (GT 1.1)	1	4	Internal	✓	✗
AS 91046	Use design ideas to produce a conceptual design for an outcome to address a brief (GT 1.3)	1	6	Internal	✗	✗
*AS 91047	Undertake development to make a prototype to address a brief (GT 1.4)	1	6	Internal	✗	✗
AS 91053	Demonstrate understanding of how technological modeling supports decision-making (GT 1.5)	1	3	External	✓	✗
AS 91057	Implement basic procedures using resistant materials to make a specified product (CMT 1.20)	1	6	Internal	✗	✗

Students will be offered at the discretion of the teacher*LEVEL 2 PRODUCT DESIGN (12PRD)****CONTACT: Ms Nelson**

Year 12, Level 2

Pre-requisites: Achieved 14 credits in either DVC or Year 11 Product Design or Curriculum Leader approval**Course Costs:** \$60.00 for take home component of materials

Course Description: Enables students to learn about the materials, processes and steps involved in the design and manufacture of products and solution in real life situations. Term 1 they are given the opportunity to build a specified project. This project enables the students to develop an understanding of how to manipulate materials into complex shapes. In Term 2 the students then develop concept design. The students identify an item of importance and design a project that will showcase this item in a manner that enhances its intended social environment. They work through the design process researching, sketching, developing functional models and eventually produce a final design. With completion of the concept design standard the students then access the workshop tools and machinery to construct a prototype.

This course is eligible for Course Endorsement.**Total credits: 20 (minimum)**

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91344	Implement advanced procedures using resistant materials to make a specified product with special features (CMT 2.1)	2	6	Internal	✗	✗	✗	✗
AS 91354	Undertake brief development to address an issue (GT 2.1)	2	4	Internal	✓	✗	✗	✗
AS 91355	Select and use planning tools to manage the development of an outcome (GT 2.2)	2	4	Internal	✗	✗	✗	✗
AS 91357	Undertake effective development to make a and trial a prototype	2	6	Internal	✗	✗	✗	✗
*AS 91363	Demonstrate understanding of sustainability in design (GT 2.10)	2	4	External	✓	✗	✗	✗

**Students will be offered at the discretion of the teacher*

LEVEL 3 PRODUCT DESIGN (13PRD)**CONTACT: Ms Nelson****Year 13, Level 3****Pre-requisites:** Achieved 14 credits in either Year 12 Product Design or DVC or Curriculum Leader approval**Course Costs:** \$70.00 for take home component of materials

Course Description: Enables students to learn about materials, processes and steps involved in the design and manufacture of products and solution in real life situations. Term 1 students are given the opportunity to build an advanced specified project. In Term 2 the students develop a concept design. This project is developed with the intent of solving a real world environmental issue. Students develop the design through in-depth research, developmental sketching, functional modelling and rendering a finalised design in its intended social environment. With completion of the concept design standard the students then access the workshop tools, and machinery to realise the proto-type.

This course is a university approved subject.**Total Credits: 30**

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91608	Undertake brief development to address an issue within a determined context (3.1)	3	4	Internal	✓	✗	✗	✗
AS 91610	Develop a conceptual design considering fitness for purpose in the broadest sense (3.3)	3	6	Internal	✓	✗	✗	✗
AS 91611	Develop a prototype considering fitness for purpose in the broadest sense (3.4)	3	6	Internal	✓	✗	✗	✗
AS 91617	Undertake a critique of a technological outcome's design (3.10)	3	4	External	✓	✗	✓	✓
AS 91620	Implement complex procedures to integrate parts using resistant materials to make a specified product (3.20)	3	6	Internal	✗	✗	✗	✗
AS 91627	Initiate design ideas through exploration (3.30)	3	4	External	✗	✗	✗	✗

LEVEL 1 MEDIA STUDIES (11MDS)**CONTACT: Ms Nelson****Year 11, Level 1****Pre-requisites:** No prerequisite

Course Description: Media Studies is a subject that encourages students to engage critically with the world of media. Students will analyse the hip hop music video genre, create their own music video and research how the media represents current issues e.g. Donald Trump. This course is suited to learners who are excited about asking questions and thinking critically.

Students will be able to demonstrate:

- An understanding of how people interact with different forms of media
- How to analyse the elements of a music video
- An understanding of how media is constructed and its effects on society
- An understanding of the features of the hip hop music video genre
- An understanding of how to design and produce their own music video

This course is eligible for Course Endorsement.

Total credits: 19

Standard	Title	Level	Credits	Int/Ext	Level 1	
					Lit	Num
AS 90989	Demonstrate an understanding of how individuals interact with the media (1.1)	1	3	Internal	✓	✓
AS 90990	Demonstrate an understanding of selected elements of media texts (1.2)	1	3	Internal	✓	✗
AS 90992	Demonstrate understanding of characteristics of a media genre (1.4)	1	4	External	✓	✗
AS 90993	Produce a design and plan for a media product using a specified range of conventions (1.5)	1	3	Internal	✗	✗
AS 90994	Complete a media product from a design and plan using a specified range of conventions (1.6)	1	6	Internal	✗	✗

LEVEL 2 MEDIA STUDIES (12MDS)**CONTACT: Ms Nelson****Year 12, Level 2**

Pre-requisites: Achievement in Year 11 Media Studies OR achievement in Year 11 English, Social Sciences or DVC at Merit/Excellence

Course Description: Media Studies is a subject that encourages students to engage critically with the world of media. Students will analyse the documentary film genre and its audience, and media theory. They will also plan and create their own documentary short film, an exciting part of the internal assessment component of the course. This course is suited to learners who are excited about asking questions and thinking critically.

Students will be able to demonstrate:

- An understanding of the features of the documentary genre
- An understanding of how to design and produce their own documentary
- An understanding of some of the guidelines that govern the production process and distribution of their media product
- An understanding of how narrative (story) is shown and developed
- An understanding of the relationship between an audience and a media product

This course is eligible for Course Endorsement.

Total credits: 18 (minimum)

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91249	Demonstrate understanding of narrative in media texts (2.2)	2	4	Internal	✓	✗	✗	✗
AS 91251	Demonstrate understanding of an aspect of a media genre (2.4)	2	4	External	✓	✗	✓	✓
AS 91252	Produce a design and plan for a developed media product using a range of conventions (2.5)	2	4	Internal	✓	✗	✗	✗
AS 91253	Complete a developed media product from a design and plan using a range of conventions (2.6)	2	6	Internal	✓	✗	✗	✗
*AS 91255	Write developed media text for a specific target audience (2.8)	2	3	Internal	✓	✗	✗	✓

**Students will be offered at the discretion of the teacher*

LEVEL 3 MEDIA STUDIES (13MDS)

CONTACT: Ms Nelson

Year 13, Level 3

Pre-requisites: Achievement in Year 12 Media Studies OR achievement in Year 12 English, Social Sciences or DVC at Merit/Excellence

Course Description: The focus will be on the exploration of the relationship between media and society allowing students to become critical and creative thinkers. This course will build on previously taught content at Levels 1 and 2, as well as introducing new topics. Students should expect both written and practical work.

Students will gain an understanding of:

- A significant development in the media
- How to plan and create a short film
- How to write industry standard scripts
- The dystopian film genre and its relationship with society.

This course is eligible for Course Endorsement and is a university approved subject.

Total credits: 17 (minimum)

Standard	Title	Level	Credits	Int/Ext	Level 1		UE Literacy	
					Lit	Num	R	W
AS 91494	Produce a design for a media product that meets the requirements of a brief (3.5)	3	4	Internal	✓	✗	✗	✗
AS 91495	Produce a media product to meet the requirements of a brief (3.6)	3	6	Internal	✓	✗	✗	✗
AS 91496	Demonstrate understanding of a significant development in the media (3.7)	3	3	Internal	✓	✗	✗	✗
AS 91493	Demonstrate understanding of the relationship between a media genre and society (3.4)	3	4	Internal	✓	✗	✓	✓
*AS 91491	Demonstrate understanding of the meaning of a media text through different readings (3.2)	3	3	Internal	✓	✗	✗	✗
*AS 91497	Write a media text to meet the requirements of a brief (3.8)	3	3	Internal	✓	✗	✗	✓

**Students will be offered at the discretion of the teacher*

SPECIALIST TRAINING

	Y12	Y13
SPECIALIST TRAINING	AUTOMOTIVE ENGINEERING CARPENTRY FULL YEAR CARPENTRY HALF YEAR ELECTRICAL HALF YEAR EARLY CHILDHOOD EDUCATION ENGINEERING / CAD	CONSTRUCTION AUTOMOTIVE EARLY CHILDHOOD EDUCATION

LEVEL 2 SPECIALIST TRAINING (12SPT)

CONTACT: Mr Kimi

Year 12, Level 2

Pre-requisites: Specialist Training Coordinator (Mr Kimi) approval after application and interview (excellent attendance, effort and attitude in Y11). Students will travel to MIT one day per week by public transport (transport costs are paid).

Students MUST submit an application form (from Student Services) by Friday 7 August 2020.

Course Description: This programme is a ONE day a week programme. Students spend four days at school and **one day at MIT** covering the full school year. Students on this programme will be seriously considering a transition to full time trades study or work at the end of year 12. For the four days each week at school students will be enrolled in their normal subjects.

LEVEL 3 SPECIALIST TRAINING (13SPT)

CONTACT: Mr Kimi

Year 13, Level 3

Pre-requisites: Specialist Training Coordinator (Mr Kimi) approval after application and interview (excellent attendance, effort and attitude in Y12). Students will travel to MIT two days per week by public transport (transport costs are paid).

Students interested in this programme MUST submit an application form (from Student Services) by Friday 7 August 2020.

Course Description: There may be an opportunity for a limited number of places on a **2 day per week** level three MIT Trades Academy programme in the following areas:

- **Automotive**
- **Construction**
- **Early Childhood Education**

All MIT Trades Academy programmes are subject to change according to MOE Trades Academy Funding and MIT programme availability.

Pre-requisites: Specialist Training Coordinator (Mr Kimi) after interview (excellent attendance, effort and attitude in Year 11/Year 12)

MITTA PROGRAMMES LEVEL 2

Level 2 courses are one day a week. (All Level 2 courses are subject to MOE and NZQA approval and in conjunction with sufficient demand and MIT capacity).

L2 AUTOMOTIVE ENGINEERING				
UNIT	TITLE	LEVEL	CREDITS	VERSION
16113	Demonstrate knowledge of safe working practices in an automotive workshop	2	2	7
21669	Demonstrate knowledge of hand tool and workshop equipment for motor industry applications	2	2	4
21671	Carry out general engineering tasks in the motor industry	2	4	2
21674	Demonstrate knowledge of terminology used in the motor industry	2	2	2
21690	Perform general servicing checks on a motor vehicle	2	3	2
21691	Disassemble and reassemble a single cylinder or multi-cylinder four stroke engine under supervision	1	2	1
231	Demonstrate knowledge of the operation of two and four stroke petrol and diesel engines	2	4	11
233	Service a lead-acid automotive battery	2	2	10

The Automotive Engineering Programme provides the theory, knowledge and practical skills to prepare you for an apprenticeship or other role in the automotive industry, or for higher level study. The course offers the opportunity to dismantle and reassemble an engine under supervision. Students will also learn how to test an automotive battery for re-charge or replacement.

L2 CARPENTRY (FULL-YEAR)				
UNIT	TITLE	LEVEL	CREDITS	VERSION
12927	Identify, select, maintain and use hand tools for BCATS project	2	6	4
12935	Construct a spaced residential timber deck up to one metre high as a BCATS project	2	8	5
12939	Construct basic garden edge retaining walls as a BCARS project	2	4	
24354	Demonstrate knowledge of and apply safe working practices in a BCATS environment	2	4	2
24360	Demonstrate knowledge of timber and other construction materials used in BCATS projects	2	5	3

L2 CARPENTRY (HALF-YEAR)				
UNIT	TITLE	LEVEL	CREDITS	VERSION
12927	Identify, select, maintain and use hand tools for BCATS project	2	6	4
22607	Read and interpret plans, working drawings and specifications for BCATS projects	2	3	4
24354	Demonstrate knowledge of and apply safe working practices in a BCATS environment	2	4	2

Students who study carpentry will get an introduction to working as a carpenter, builder or construction worker. They will learn how to use portable electric tools safely and how to read plans. Students will also learn basic frame construction. These L2 Carpentry courses are pre-requisites to the L3 Carpentry course.

L2 ELECTRICAL (HALF-YEAR)				
UNIT	TITLE	LEVEL	CREDITS	VERSION
25070	Explain the properties of conductors, insulators and semiconductors and their effects on electrical circuits	2	7	4
25071	Demonstrate knowledge of electromotive force (e.m.f.) production	2	3	5
25072	Apply electromagnetic theory to a range of problems	2	5	5

Students will learn about electrical measurements of voltage, current, resistance, continuity and insulation. They will also learn how to isolate electrical circuits from the supply of electricity and test electrical circuits to ensure safety prior to reconnection.

L2 EARLY CHILDHOOD EDUCATION				
UNIT	TITLE	LEVEL	CREDITS	VERSION
29852	Demonstrate knowledge of the basic needs and nutrition that support young children's holistic wellbeing and development	2	4	1
29853	Demonstrate knowledge of health issues and services available to protect and enhance the wellbeing of young children	2	3	1
29854	Describe personal and environmental hygiene and safety practices for the care of young children	2	2	1
29855	Describe attachment relationships and strategies used to support transitions for young children	2	3	1
29856	Describe and demonstrate care practices for infants and toddlers	2	2	1
29859	Describe values and beliefs that inform own personal approach to the learning and care of young children	2	4	1
29861	Identify and describe agencies/services available in the community to support young children and families	2	3	1

This course aims to continue to develop skills in students who may wish to pursue teaching as a profession. This course broadens student understanding of what a career in Early Childhood Education might entail. This course can lead to the MITTA L3 Early Childhood Education Course.

L2 ENGINEERING/COMPUTER AIDED DESIGN (CAD)				
UNIT	TITLE	LEVEL	CREDITS	VERSION
2395	Demonstrate and apply knowledge of the selection, use and care of engineering hand tools	2	4	9
2396	Demonstrate and apply knowledge of the selection, use and care of portable hand held engineering power tools	2	4	7
21911	Demonstrate knowledge of safety on engineering worksites	2	2	3
21907	Demonstrate and apply knowledge of safe welding principles and quality assurance under supervision	2	4	3
497	Demonstrate knowledge of workplace health and safety requirements	1	3	9
2433	Produce simple engineering component drawings using CAD software	2	6	8
2430	Manually produce and interpret engineering sketches under supervision	2	4	8
2432	Manually construct plane geometric shapes for engineering	2	3	8

Students spend half of the year studying Engineering and the other half Computer Aided Design. On this course students learn how to use engineering hand tools, power tools and also the safety of welding and engineering work shop safety. Students learn more about the Computer Aided Design environment, drawing entities and attributes, drawing engineering and construction component and confirm engineering and construction sketches, as well as learning to interpret construction and engineering drawings.

MITTA PROGRAMMES L3

Level 3 courses are two days a week except for Logistics which is one day a week. (All Level 2 courses are subject to MOE and NZQA approval and in conjunction with sufficient demand and MIT capacity).

L3 AUTOMOTIVE				
UNIT	TITLE	LEVEL	CREDITS	VERSION
16113	Safe working practices in workshops	2	2	7
15406	Carry out general service checks	3	2	4
24307	Demonstrate knowledge of vehicle driveline components	3	2	3
24308	Rectify driveline faults on light vehicles and overhaul universal and constant velocity (CV) joints	3	3	2
231	Demonstrate knowledge of the operation of two and four stroke petrol and diesel engines	2	4	11
244	Disassemble and reassemble a four stroke multi-cylinder engine to a running state	2	6	10
15446	Remove and replace a light vehicle engine cam belt	3	3	3
5466	Remove and replace a light vehicle brake pads	3	2	5
24092	Demonstrate knowledge of automotive lighting systems and headlamp adjustment	3	2	3
24093	Rectify simple vehicle lighting faults and adjust vehicle lamps	3	3	2

On this course students will be able to remove and replace a light vehicle cam belt, check a four stroke petrol engine for condition using hand held test equipment and carry out general service checks on light vehicles. Students will demonstrate knowledge of disassembling, inspecting and reassembling an engine cylinder head, engine short block and cooling system and demonstrate knowledge of vehicle braking systems and remove and replace light vehicle brake pads.

L3 CONSTRUCTION: NZ CERTIFICATE 3845 IN BUILDING, CONSTRUCTION AND ALLIED TRADES				
UNIT	TITLE	LEVEL	CREDITS	VERSION
29677	Follow safe workplace practices and contribute to a health and safety culture in a BCATS environment	3	2	1
29678	Demonstrate knowledge of, select and use materials for a stage 3 BCATS project	3	4	1
29679	Develop and use BCATS project documentation for a Stage 3 BCATS project	3	8	1
29680	Communicate and work collaboratively in a Stage 3 BCATS project	3	5	1
29681	Measure and calculate for a Stage 3 BCATS project	3	3	1
29682	Select, use and maintain tools, equipment and machinery for a Stage 3 BCATS project	3	4	1
29683	Incorporate other building, construction and allied trades into a Stage 3 BCATS project schedule	3	2	1
29684	Undertake a Stage 3 BCATS project	3	12	1

This qualification is for those intending to further develop underpinning skills and knowledge of building, construction and allied trades. Students will have knowledge, skills and experience of building, construction and allied trades that may also assist with the achievement of NCEA and future employment. Students will be able to perform construction tasks and undertake a Building, Construction and Allied Trades Skills BCATS project under limited supervision.

L3 EARLY CHILDHOOD EDUCATION				
UNIT	TITLE	LEVEL	CREDITS	VERSION
29866	Demonstrate knowledge of, apply and reflect on age-related nutrition needs for a child in an ECE service	3	2	1
29867	Demonstrate knowledge of diverse whanau/families and use a range of effective communication strategies in an ECE service	3	5	1
29868	Demonstrate professional behaviour and manage personal health and well-being in an ECE service	3	4	1
29871	Describe and compare a range of ECE services and philosophies in Aotearoa, New Zealand	3	3	2
10026	Demonstrate knowledge of children's development and learning and their relevance in an ECE service	3	5	6
26707	Describe the value of play and create resources for children's development and learning in an ECE service	3	4	4
10019	Describe and contribute to safe practices and a safe environment for children in an ECE service	3	3	6
26708	Develop respectful, reciprocal and responsive relationships with children in an ECE service	3	4	4
10013	Explain the relevance of the New Zealand Early Childhood Curriculum Te Whariki as a framework for programme development	3	2	6

This course in Early Childhood Education aims to continue to develop skills in students who may wish to pursue teaching as a profession. The course broadens student understanding of what a career in Early Childhood Education might entail.

CAREER PATHWAY INFORMATION

The One Tree Hill College Careers Centre provides information for all students about careers and further education. For more information about tertiary courses please check out the following websites. You will get detailed and up-to-date information about courses on offer and entry requirements.

- (1) Visit: Careers Centre www.onetreehillcollege.school.nz/student-services/careers-centre/
- (2) Visit: Facebook www.facebook.com/CareersOTHC/
- (3) Visit www.careers.govt.nz for a comprehensive overview of all careers including, salaries, career prospects and training information.

Universities:	
The University of Auckland	www.auckland.ac.nz
Auckland University of Technology	www.aut.ac.nz
Canterbury University	www.canterbury.ac.nz
Lincoln University	www.lincoln.ac.nz
Massey University	www.massey.ac.nz
Otago University	www.otago.ac.nz
Victoria University	www.vuw.ac.nz
Waikato University	www.waikato.ac.nz
Polytechnics:	
Manukau Institute of Technology	www.manukau.ac.nz
Unitec	www.unitec.ac.nz
Private Training Providers:	
Air New Zealand Aviation Institute (Airline Customer Service)	www.aviationinstitute.co.nz
Army, Navy & Air Force	www.nzdf.mil.nz
Aston Warner Nanny Academy	www.nannyacademy.ac.nz
Computer Power Plus (IT)	www.computerpowerplus.ac.nz
Crown Institute of Studies (Business, Tourism & Hospitality)	www.crown.ac.nz
Cut Above (Hairdressing & Makeup)	www.cutabove.ac.nz
Excel School of Performing Arts	www.excel.ac.nz
International College of Camille	www.collegeofcamille.com
International Travel College (Tourism)	www.itc.ac.nz
Media Design School (Design)	www.mediadesignschool.com
MAINZ (Music)	www.mainz.ac.nz
NZ Career College	www.nzcc.ac.nz
NZ Fashion Tech	www.fashionz.co.nz
NZIS – New Zealand Institute of Sport	www.nzis.co.nz
NZMA	www.nzma.ac.nz
New Zealand School of Tourism	www.nzschooloftourism.co.nz
Police	www.newcops.co.nz
Samala Robinson Academy	www.samalacosemetics.com
Servilles (Hairdressing)	www.servilles.ac.nz
South Seas Film & Television (Yoobee College)	www.yoobee.ac.nz
Te Wānanga o Aotearoa	www.twoa.ac.nz
Techtorium (IT)	www.techtorium.co.nz
Vet Nurse Plus	www.vetnurseplus.co.nz
Whitecliffe College (Art & Design)	www.whitecliffe.ac.nz
Wellpark College	www.wellpark.co.nz
Yoobee (IT)	www.yoobee.ac.nz

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