



PUKEKOHE
HIGH SCHOOL

**Course
Information
Seniors
2023**

Learning Area	CODE	YEAR/LEVEL	Course Name
Arts	1AART	11 / 1	NCEA Level 1 Art
Arts	1ADAN	11 / 1	NCEA Level 1 Dance
Arts	1ADRA	11 / 1	NCEA Level 1 Drama
Arts	1AMUS	11 / 1	NCEA Level 1 Performance Music
Arts	1APHD	11 / 1	NCEA Level 1 Photo Design
Career Development Services	1GFPS	11 / 1	NCEA Level 1 Future Pathways
English	1EENG	11 / 1	NCEA Level 1 English
ESOL	1EESL	11 / 1	NCEA Level 1 English for Speakers of Other Languages
Health and Physical Education	1PHLH	11 / 1	NCEA Level 1 Health
Health and Physical Education	1PPED	11 / 1	NCEA Level 1 Physical Education
Languages	1LFRE	11 / 1	NCEA Level 1 French
Languages	1LJPN	11 / 1	NCEA Level 1 Japanese
Mathematics	1MGEN	11 / 1	NCEA Level 1 General Mathematics
Mathematics	1MMAT	11 / 1	NCEA Level 1 Mathematics with Algebra
Mathematics	1MSTA	11 / 1	NCEA Level 1 Mathematics with Statistics
Science	1SAGH	11 / 1	NCEA Level 1 Agricultural and Horticultural Science
Science	1SGEN	11 / 1	NCEA Level 1 Science General
Science	1SSCC	11 / 1	NCEA Level 1 Science In Context
Social Sciences	1ZACC	11 / 1	NCEA Level 1 Accounting
Social Sciences	1ZECO	11 / 1	NCEA Level 1 Economics
Social Sciences	1ZGEO	11 / 1	NCEA Level 1 Geography
Social Sciences	1ZHIS	11 / 1	NCEA Level 1 History
Social Sciences	1ZSSS	11 / 1	NCEA Level 1 Social Science Studies
Te Wahanga Whakaako	1WMAO	11 / 1	NCEA Level 1 Te Reo Maaori
Te Wahanga Whakaako	1WTAA	11 / 1	NCEA Level 1 Te Ao Ahurea
Te Wahanga Whakaako	1WTAH	11 / 1	NCEA Level 1 Te Ao Haka
Technology	1TBLA	11 / 1	NCEA Level 1 Building
Technology	1TCAT	11 / 1	NCEA Level 1 Catering
Technology	1TCOM	11 / 1	NCEA Level 1 Computer Applications
Technology	1TDIT	11 / 1	NCEA Level 1 Digital Technologies
Technology	1TDVC	11 / 1	NCEA Level 1 Design and Visual Communication
Technology	1TEGR	11 / 1	NCEA Level 1 Engineering
Technology	1TFNT	11 / 1	NCEA Level 1 Food and Nutrition
Technology	1TTEC	11 / 1	NCEA Level 1 Hard Materials Technology

Learning Area	CODE	YEAR/LEVEL	Course Name
Arts	2ADAN	12 / 2	NCEA Level 2 Dance
Arts	2ADES	12 / 2	NCEA Level 2 Design
Arts	2ADRA	12 / 2	NCEA Level 2 Drama
Arts	2AMFX	12 / 2	NCEA Level 2 Motion Special Effects
Arts	2AMUS	12 / 2	NCEA Level 2 Performance Music
Arts	2APAI	12 / 2	NCEA Level 2 Painting
Arts	2APHO	12 / 2	NCEA Level 2 Photography
Arts	2APRN	12 / 2	NCEA Level 2 Printmaking
Career Development Services	2GFPS	12 / 2	NCEA Level 2 Future Pathways
English	2EENG	12 / 2	NCEA Level 2 English
English	2EMES	12 / 2	NCEA Level 2 Media Studies
ESOL	2EESL	12 / 2	NCEA Level 2 English for Speakers of Other Languages
Health and Physical Education	2PHLH	12 / 2	NCEA Level 2 Health
Health and Physical Education	2POED	12 / 2	NCEA Level 2 Outdoor Education
Health and Physical Education	2PPED	12 / 2	NCEA Level 2 Physical Education
Health and Physical Education	2PSPT	12 / 2	NCEA Level 2 Sport Leadership
Languages	2LFRE	12 / 2	NCEA Level 2 French
Languages	2LJPN	12 / 2	NCEA Level 2 Japanese
Mathematics	2MGEN	12 / 2	NCEA Level 2 General Mathematics
Mathematics	2MMAT	12 / 2	NCEA Level 2 Mathematics with Algebra
Mathematics	2MSTA	12 / 2	NCEA Level 2 Mathematics with Statistics
Science	2SAGR	12 / 2	NCEA Level 2 Agricultural Science
Science	2SBIO	12 / 2	NCEA Level 2 Biology
Science	2SCHE	12 / 2	NCEA Level 2 Chemistry
Science	2SGEN	12 / 2	NCEA Level 2 General Science
Science	2SHOR	12 / 2	NCEA Level 2 Horticulture
Science	2SPHY	12 / 2	NCEA Level 2 Physics
Science	2SSCE	12 / 2	NCEA Level 2 Earth Science
Social Sciences	2ZACC	12 / 2	NCEA Level 2 Accounting
Social Sciences	2ZBST	12 / 2	NCEA Level 2 Business Studies
Social Sciences	2ZCLS	12 / 2	NCEA Level 2 Classical Studies
Social Sciences	2ZECO	12 / 2	NCEA Level 2 Economics
Social Sciences	2ZGEO	12 / 2	NCEA Level 2 Geography
Social Sciences	2ZHIS	12 / 2	NCEA Level 2 History
Social Sciences	2ZLAW	12 / 2	NCEA Level 2 Legal Studies
Social Sciences	2ZPAS	12 / 2	NCEA Level 2 People and Society
Social Sciences	2ZPSY	12 / 2	NCEA Level 2 Psychology
Social Sciences	2ZTSM	12 / 2	NCEA Level 2 Tourism
Te Wahanga Whakaako	2WMAO	12 / 2	NCEA Level 2 Te Reo Maaori
Te Wahanga Whakaako	2WTAA	12 / 2	NCEA Level 2 Te Ao Ahurea
Te Wahanga Whakaako	2WTAH	12 / 2	NCEA Level 2 Te Ao Haka
Technology	2TBLD	12 / 2	NCEA Level 2 Building
Technology	2TCAT	12 / 2	NCEA Level 2 Catering
Technology	2TCOM	12 / 2	NCEA Level 2 Computer Applications
Technology	2TDIT	12 / 2	NCEA Level 2 Digital Technologies
Technology	2TDVC	12 / 2	NCEA Level 2 Design and Visual Communication
Technology	2TEGR	12 / 2	NCEA Level 2 Engineering
Technology	2TFNT	12 / 2	NCEA Level 2 Food and Nutrition
Technology	2TTEC	12 / 2	NCEA Level 2 Hard Materials Technology

Learning Area	CODE	YEAR/LEVEL	Course Name
Arts	3ADAN	13 / 3	NCEA Level 3 Dance
Arts	3ADES	13 / 3	NCEA Level 3 Design
Arts	3ADRA	13 / 3	NCEA Level 3 Drama
Arts	3AHIS	13 / 3	NCEA Level 3 Art History
Arts	3AMFX	13 / 3	NCEA Level 3 Motion Special Effects
Arts	3AMUS	13 / 3	NCEA Level 3 Performance Music
Arts	3APAI	13 / 3	NCEA Level 3 Painting
Arts	3APHO	13 / 3	NCEA Level 3 Photography
Arts	3APRN	13 / 3	NCEA Level 3 Printmaking
Career Development Services	3GFPS	13 / 3	NCEA Level 3 Future Pathways
English	3EENG	13 / 3	NCEA Level 3 English
English	3EMES	13 / 3	NCEA Level 3 Media Studies
ESOL	3EESL	13 / 3	NCEA Level 3 English for Speakers of Other Languages
Health and Physical Education	3PHLH	13 / 3	NCEA Level 3 Health
Health and Physical Education	3POED	13 / 3	NCEA Level 3 Outdoor Education
Health and Physical Education	3PPED	13 / 3	NCEA Level 3 Physical Education
Health and Physical Education	3PSPT	13 / 3	NCEA Level 3 Sport Leadership
Languages	3LFRE	13 / 3	NCEA Level 3 French
Languages	3LJPN	13 / 3	NCEA Level 3 Japanese
Mathematics	3MCAL	13 / 3	NCEA Level 3 Calculus
Mathematics	3MGEN	13 / 3	NCEA Level 3 General Mathematics
Mathematics	3MSTA	13 / 3	NCEA Level 3 Statistics
Science	3SAGH	13 / 3	NCEA Level 3 Agricultural and Horticultural Science
Science	3SBIO	13 / 3	NCEA Level 3 Biology
Science	3SCHE	13 / 3	NCEA Level 3 Chemistry
Science	3SGEN	13 / 3	NCEA Level 3 General Science
Science	3SPHY	13 / 3	NCEA Level 3 Physics
Science	3SSCE	13 / 3	NCEA Level 3 Earth Science
Social Sciences	3ZACC	13 / 3	NCEA Level 3 Accounting
Social Sciences	3ZBST	13 / 3	NCEA Level 3 Business Studies
Social Sciences	3ZCLS	13 / 3	NCEA Level 3 Classical Studies
Social Sciences	3ZECO	13 / 3	NCEA Level 3 Economics
Social Sciences	3ZGEO	13 / 3	NCEA Level 3 Geography
Social Sciences	3ZHIS	13 / 3	NCEA Level 3 History
Social Sciences	3ZLAW	13 / 3	NCEA Level 3 Legal Studies
Social Sciences	3ZPAS	13 / 3	NCEA Level 3 People and Society
Social Sciences	3ZTSM	13 / 3	NCEA Level 3 Tourism
Te Wahanga Whakaako	3WMAO	13 / 3	NCEA Level 3 Te Reo Maaori
Te Wahanga Whakaako	3WTAA	13 / 3	NCEA Level 3 Te Ao Ahurea
Te Wahanga Whakaako	3WTAH	13 / 3	NCEA Level 3 Te Ao Haka
Technology	3TCAT	13 / 3	NCEA Level 3 Catering
Technology	3TCOM	13 / 3	NCEA Level 3 Computer Applications
Technology	3TDIT	13 / 3	NCEA Level 3 Digital Technologies
Technology	3TDVC	13 / 3	NCEA Level 3 Design and Visual Communication
Technology	3TFNT	13 / 3	NCEA Level 3 Food and Nutrition



Arts - Dance Learning Area

At Pukekohe High School ākonga (students) have the opportunity to be involved in learning and expressing themselves through Dance, Drama, and Music and the Visual Arts.

Arts education explores, challenges, affirms and celebrates unique artistic expressions of self, communities and cultures. In the Arts, ākonga learn to work both independently and collaboratively to construct meanings, produce works, respond to and value others' contributions. They learn to use imagination to engage with unexpected outcomes and to explore multiple solutions.

By actively participating and learning in, through and about the Arts students make and respond to their own and others' work. They connect ideas, imagination, senses, and feelings. By participating in the Arts, the personal well-being of ākonga is enhanced. As they express and respond to works and ideas within creative, aesthetic, and technological frameworks, students' confidence to take risks is increased.

Arts education values the culture and experiences of all ākonga and builds on these with increasing sophistication and complexity as their knowledge and skills develop. Learners develop their ability to view their world from new perspectives. Through the development of Arts literacies - as creators, performers and viewers - are able to participate in, interpret, value, and enjoy the creative Arts throughout their lives.

The Arts learning area comprises four disciplines: Drama, Music (Sound Arts), and Visual Arts (Painting, Photography, and Art Design). Within each, ākonga develop literacies as they build on skills, knowledge, attitudes, and understandings at each of the eight levels of the curriculum. Through Arts practices and the use of traditional and new technologies, ākonga artistic ideas are generated and refined through cycles of action and reflection.





Course Description

Head of Faculty - Kaihautuu: Vicky Moore-Allen

Recommended Prior Learning

You should be open, willing to work with people and ready to have constructive conversations about Dance and your learning. Experience as a dancer is not required, however students **must** be willing to participate in all learning activities, try new things, and want to dance.

LEVEL 1 DANCE

Dance provides excellent opportunities for success and is suited to ākonga of all abilities. Dance is suitable for both male and female students of all backgrounds and prior experience.

This course is ideal for students who wish to develop skills and express ideas through dance. Ākonga will work with their peers to create, communicate and interpret movement in various ways, turning ideas into dance. Any movement and dance skills students already have, linked to their own cultural experience, or developed in dance classes out of school are valued. Experience as a dancer is NOT required, however students must be willing to participate in all learning activities and try new things.

Level 1 Dance students will learn how to perform movement sequences as an ensemble with others. You will develop skills in a range of dance styles and genres, and learn to use the elements of dance to creating original and meaningful choreography. You will grow your knowledge through movement and through practicing dance every lesson. Students will have the opportunity to gain literacy credits through a written external exam, which is based on viewing and responding to a dance performance.

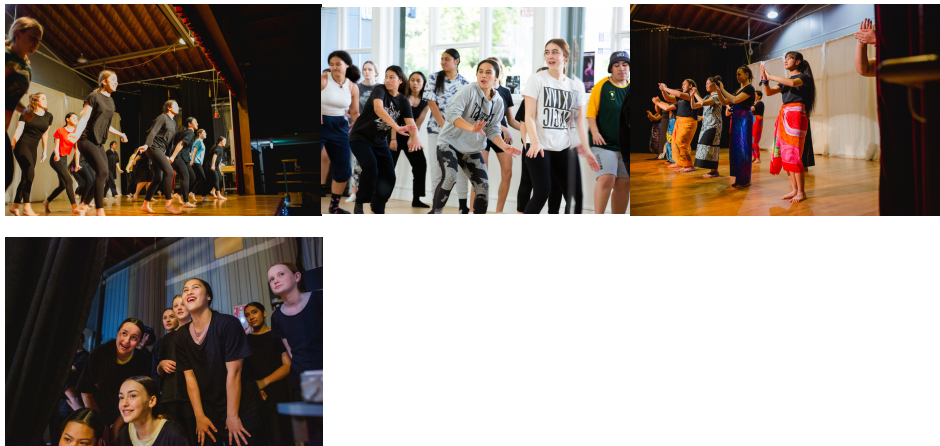
Watch of this short video of a [dance class](#) in action!

Level 1 Dance students have shared some of their highlights from the course below:

"Fun!"
"Team work and group work"
"Creating teamwork skills, motivating topics"
"We are all comfortable with each other and try our hardest"
"Creating bonds with people"

"It's a great time of learning new aspects of dance."

We get to understand that dance is not just about genres, but about feelings, and dancing moves."



Images: Level 1 students at a creative workshop with University of Auckland students 2021. PHS Dance students performing in the Dance Showcase 2020.

Course Overview

Term 1

We begin with a focus on whakawhanaungatanga - building relationships and forming a safe, creative space for learning.

AS90002 (6cr): Students learn and perform 3 short dance sequences. The genres of these sequences may vary depending on the collective class experience.

Term 2

AS90858 (6cr): Students create two short dance sequences based on provided stimuli. These are duets and trios. These form two out of the total three dances you will create for this standard.

AS90859 (4cr): Students participate collaboratively in group choreography. The end product is a whole class dance that the teacher will help to construct.

Term 3

AS90861 (4cr, Literacy): Demonstrate understanding of a dance performance. Students view a dance performance and learn to write about important themes and ideas that the dance portrays.

The final piece of choreography for AS90858 (see Term 2) will be completed this term.

The final weeks of this term are used to rehearse and prepare for the Dance Showcase, at the end of Term.

Term 4

Term 4 is dedicated to revisiting and revising material for the external exams.

Learning Areas:

Pathway
[NCEA Level 2 Dance](#)

Ideal for students considering any career in which creativity, content creation, originality and collaboration are valued. This course aligns closely with many tertiary pathways including those that are specifically dance-related. Study of dance provides many transferable skills and is also great for developing confidence and relational skills.

Assessment Information

Assessments are largely practical, falling under either Dance Performance (performing a dance you have learned), or Dance Choreography (creating your own dance). The external is a written exam.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90002 v6 Dance 1.2 - Perform dance sequences Creative Industries: 6	1	I	6			
A.S. 90858 v3 Dance 1.1 - Compose dance sequences for given briefs Creative Industries: 6	1	I	6			
A.S. 90859 v3 Dance 1.3 - Demonstrate ensemble skills in a dance Creative Industries: 4	1	I	4			
A.S. 90861 v3 Dance 1.5 - Demonstrate understanding of a dance performance Creative Industries: 4	1	E	4	Y		
Total Credits			20	4	0	0

Total Credits Available: 20 credits.
Externally Assessed Credits: 4 credits.
Internally Assessed Credits: 16 credits.



Course Description

Head of Faculty - Kaihautuu: Vicky Moore-Allen

Recommended Prior Learning

Dance is suitable for male and female students of all backgrounds and prior experience. Experience as a dancer is NOT required, but you **must** be willing to participate in **all** learning activities, collaborate, and try new things. Level 1 Dance is an ideal foundation for this course.

LEVEL 2 DANCE

Dance provides excellent opportunities for ākonga of all abilities to experience success. Dance is suitable for male and female students of all backgrounds and prior experience.

In this course you will explore a range of dance genres and you will create dances that express ideas relevant to you. Ākonga will learn to work with their peers to create, communicate and interpret movement in various ways, turning ideas into visual experiences. You are encouraged to draw on your own culture, skills and any prior dance and movement experience you have. Experience as a dancer is NOT required, however all students **must** be willing to participate in all learning activities, collaborate, and try new things.

We will attend out-of-school dance workshops and watch a live performance.

Students will work individually and collaboratively to create dance works that draw on personal experience, and that explore concepts and events affecting society. In Dance, we strive to create an environment where all students are comfortable, welcome, and valued so that you feel supported and encouraged in your mahi.

Watch this short [video](#) of a dance class in action!

NCEA Level 2 Dance is about refining your interests and stepping outside of your comfort zone. You must be motivated, ready work as part of a team, and open to opportunities.

Some highlights from our Level 2 Dance students include:

"Getting to experiment and learn new styles that you may have not done before."

"The members of the dance class"

"Dance is safe, positive, good vibes and we learn a lot"

"Making our own dances"



Images: L2 Dance students in 2020 PHS Dance Showcase, L2 Dance students creating group choreography 2022. L2 Dance students rehearsing outside 2022

Course Overview

Term 1

The term begins with a big focus on whakawhanaungatanga - building relationships and forming a safe, creative space for learning.

AS91209 (6cr): students will learn and perform a repertoire of three short dance sequences. The genres of these sequences varies depending on the range of student experience in the class.

Term 2

AS91205 (4cr): In groups, students will choreograph a dance that communicates a chosen intention.

AS91207 (4cr) : Students will learn and perform a cultural dance as part of a large group.

Term 3
AS91211 (4cr, Literacy): Students will learn how to analyse, discuss and write about dance. We will view and interpret a live dance performance in preparation for the external standard.

Rehearsal of a repertoire of dances for our Dance Showcase at the end of the term 3.

Term 4
Term 4 is dedicated to revisiting material and techniques for the external exams.

Learning Areas:
[Arts, Arts - Dance](#)

Pathway
[NCEA Level 3 Dance](#)

Ideal for students considering any career in which creativity, content creation, originality and collaboration are valued. This course not only provides many transferrable skills, but also aligns closely with many tertiary pathways that are specifically dance-related. This course will be beneficial for any student considering dance or dance education at tertiary level.

Assessment Information
Assessments are mostly practical, falling under either Dance Performance (performing a dance you have learned), or Dance Choreography (creating your own dance). The external assessment is a written exam that will ask you to write about dance performances you have seen, their ideas expressed, and the elements and conventions of dance that were used.

Credit Information
This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91205 v2 Dance 2.1 - Choreograph a group dance to communicate an intention Creative Industries: 4	2	I	4			
A.S. 91207 v2 Dance 2.3 - Perform an ethnic or social dance to communicate understanding of the style Creative Industries: 4	2	I	4			
A.S. 91209 v3 Dance 2.5 - Perform a repertoire of dance Creative Industries: 6	2	I	6			
A.S. 91211 v2 Dance 2.7 - Provide an interpretation of a dance performance with supporting evidence Creative Industries: 4	2	E	4	Y		
Total Credits			18	4	0	0

Total Credits Available: 18 credits.
Externally Assessed Credits: 4 credits.
Internally Assessed Credits: 14 credits.



Course Description

Head of Faculty - Kaihautuu: Vicky Moore-Allen

Recommended Prior Learning

Dance is suitable for male and female students of all backgrounds and prior experience. Experience as a dancer is NOT required, however you **must** be actively willing to participate in all learning activities, to extend yourself, and try new things.

It is recommended that you have experienced NCEA Dance at Level 1 or 2 for this course. If you haven't and you would like to take this course, please see Mrs Moore-Allen or Miss Brink to discuss your path into Level 3 Dance.

LEVEL 3 DANCE

Dance provides excellent opportunities for success for students of all abilities. Dance is suitable for male and female students of all backgrounds and prior experience, and is a University Entrance approved subject.

This course is for students who will commit to learning via movement and dance. You will explore a range of dance genres, exploring movement and ideas you are personally interested in. Students will be required to collaborate, create, communicate and interpret dance in various ways, turning ideas into visual experiences. You are encouraged to draw on your own culture, skills and prior dance experience. In this class, we create a safe space where we are supportive of our peers and receive support in return. Experience as a dancer is NOT required, however you **must** be actively willing to participate in all learning activities, to extend yourself, and try new things.

Ākonga will draw on present and past experience, and explore concepts linked to current society as they create, perform and respond to dance, working as individuals and in groups.

As part of this course, you may have the opportunity to be involved in out-of-school events. These can include attending performances, participating in workshops with industry professionals or tertiary providers. You will also be encouraged to take on leadership roles within the subject with the support of your teacher.

Watch this short [video](#) of a dance class in action!

NCEA Level 3 Dance is largely about a consolidation and presentation of your skills and creativity. You will need to be self-managed, forward-thinking and open to feedback and professional conversations about your work.

Some highlights from Level 3 Dance students include:

"Having a class that I am genuinely passionate about and makes me happy to be expressive and creative."

"Dance makes me feel comfortable and makes me feel happy"





Images: L3 Dance students rehearsing a salsa and musical theatre dance for assessment 2022

Course Overview

Term 1

Begins with a large focus on whakawhanaungatanga - building relationships and forming a safe, creative space.

AS91588 (8cr): Students begin planning and choreography for a dance piece that portrays a concept. Each student will choreograph their own dance and use their peers as dancers in this piece. This is an ongoing assessment, to be assessed at the end of Term 3.

Term 2

AS91592 (6cr): Students learn and perform 3 dances from a variety of different genres. Genres studied will depend of general class experience, but may include Hip-Hop, Musical Theatre, Tap, Salsa, Contemporary etc.

Ongoing rehearsals for AS91588 (above).

Term 3

AS91594 (4cr, Literacy): Preparation for written external exam. Students will view and analyse a dance performance, the exam is answered in the form of an essay.

AS91591 (4cr): Students will learn and perform a group dance.

Dance Showcase - students will rehearse and perform all assessment dances in this showcase. This is also the assessment for the above 91588.

Term 4

Term 4 is dedicated to revisiting material and techniques for the external exams.

Learning Areas:

[Arts](#), [Arts - Dance](#)

Assessment Information

Assessments are largely practical, falling under either Dance Performance (performing a dance you have learned), or Dance Choreography (creating your own dance). The external is a written exam.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91588 v2 Dance 3.1 - Produce a dance to realise a concept Creative Industries: 8	3	I	8		*	
A.S. 91591 v2 Dance 3.4 - Perform a group dance Creative Industries: 4	3	I	4		*	
A.S. 91592 v2 Dance 3.5 - Perform a repertoire of contrasting dances Creative Industries: 6	3	I	6		*	
Total Credits			22	4	4	0

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91594 v2 Dance 3.7 - Analyse a dance performance Creative Industries: 4	3	E	4	Y	4w [*]	
Total Credits			22	4	4	0

Approved subject for University Entrance
Number of credits that can be used for overall endorsement: **22**

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 22 credits.
Externally Assessed Credits: 4 credits.
Internally Assessed Credits: 18 credits.



Arts - Drama Learning Area

At Pukekohe High School ākonga (students) have the opportunity to be involved in learning and expressing themselves through Dance, Drama, and Music and the Visual Arts.

Arts education explores, challenges, affirms and celebrates unique artistic expressions of self, communities and cultures. In the Arts, ākonga learn to work both independently and collaboratively to construct meanings, produce works, respond to and value others' contributions. They learn to use imagination to engage with unexpected outcomes and to explore multiple solutions.

By actively participating and learning in, through and about the Arts students make and respond to their own and others' work. They connect ideas, imagination, senses, and feelings. By participating in the Arts, the personal well-being of ākonga is enhanced. As they express and respond to works and ideas within creative, aesthetic, and technological frameworks, students' confidence to take risks is increased.

Arts education values the culture and experiences of all ākonga and builds on these with increasing sophistication and complexity as their knowledge and skills develop. Learners develop their ability to view their world from new perspectives. Through the development of Arts literacies - as creators, performers and viewers - are able to participate in, interpret, value, and enjoy the creative Arts throughout their lives.

The Arts learning area comprises four disciplines: Drama, Music (Sound Arts), and Visual Arts (Painting, Photography, and Art Design). Within each, ākonga develop literacies as they build on skills, knowledge, attitudes, and understandings at each of the eight levels of the curriculum. Through Arts practices and the use of traditional and new technologies, ākonga artistic ideas are generated and refined through cycles of action and reflection.



NCEA Level 1 Drama

1ADRA



Course Description

Head of Faculty - Kaihautuu: Vicky Moore-Allen

Recommended Prior Learning

This course is open to any students who have a genuine interest in Drama, and who will commit to actively participating in performance work in class. Students do not need to have previous experience in Drama. Year 10 Drama or Dance are ideal foundations for this course, or experience in Drama and Dance outside of school.



There are many ways in which Drama education leads to your success:

Social Awareness - Legends, myths, poems, stories, and plays used in drama teach students about social issues and conflicts from cultures – past and present – all over the world.

Self-Confidence - Taking risks in class and performing for an audience teaches students to trust their ideas and abilities. The confidence gained in drama applies to school, university, careers, and life in general.

Imagination - Making creative choices, thinking of new ideas, and interpreting familiar material in new ways are essential to drama. Einstein said: 'Imagination is more important than knowledge'.

Empathy - Acting roles from different situations, time periods, and cultures promotes compassion and tolerance for others' feelings and viewpoints.

Cooperation & Collaboration - drama combines the creative ideas and abilities of its participants. This cooperative process includes discussing, negotiating, rehearsing, and performing.

Communication Skills - Drama enhances verbal and nonverbal expression of ideas. Listening and observation skills develop by playing drama games, being an audience, rehearsing, and performing.

Concentration - Playing, practicing, and performing develop sustained focus, body, and voice, which also helps in other subjects and courses, and, again, life in general.

Problem solving - Students learn how to communicate the who, what, where, and why to the audience. Improvisation fosters quick-thinking solutions, which leads to greater adaptability in life.

Fun - Drama brings play, humour, and laughter to learning; this improves motivation and reduces stress. **Emotional Outlet** - Pretend play and drama games allow students to express a range of emotions. Many drama activities reduce stress by releasing mental, physical, and emotional tension.

Self-discipline - The process of moving from ideas to actions to performances teaches the value of practice and perseverance. Drama games and creative movement improve self-control.

Course Description

This is a practical course that explores four key areas of Drama:

* developing skills in using the elements, techniques, conventions, and technologies of Drama;

* developing ideas through innovation, imagination, and personal experience.

* learning how to co-operate and collaborate with others to generate ideas and turn them into action.

* learning how to communicate and interpret ideas.

We learn these things in Drama in a variety of ways: through playing drama games, participating in workshops, learning how to devise our own drama, and through studying and performing scripted plays. We discuss and write about our own and others' work and prepare for a Drama exam.

What will I learn and How will I learn?

This Level 1 Drama course builds important foundation skills in Drama. Students must be willing to actively participate in all activities. You will work in groups, learning to co-operate and collaborate.

You will develop knowledge and awareness of dramatic techniques, elements and conventions, and how to use these to create performance work. You will develop acting and theatre skills, learn how to devise drama and how to interpret a script. You will learn how to perform in front of others using different theatre forms, elements and conventions. You will learn about drama technologies and how to use these as important elements in performance works.





Course Overview

Term 1

AS 90906 - Apply Drama techniques in a scripted context. 4 credits. Internally assessed.

In this unit of work students will develop important drama skills using voice, body, movement and space. They will then apply these techniques in performance of an excerpt from a scripted play.

Term 2

AS 90999 - Use features of a drama / theatre form in a performance. 4 credits. Internally assessed.

In this unit of work students will learn about a specific theatre form, such as clowning or melodrama. Students will develop their knowledge of the selected theatre form and apply that learning to their performance work.

Term 3

AS 90997 - Devise and perform a drama. 5 credits. Internally assessed.

In this unit of work students will learn about the conventions of drama. Conventions are techniques used in creating a drama that enable a story or ideas to unfold. Examples of drama conventions are slow-motion, flash back, still-frame, narration, split stage, aside, monologue, chorused movement. After learning about how to apply these in performance, students will create their own short performance work in groups.

Term 4

AS 90011 - Demonstrate understanding of the use of drama aspects within live performance. 4 credits. Externally assessed.

This is a formal written exam based on students' understanding of a live theatre performance that they will have have been to see during the year as a whole class. At the time of going to see the play, students will discuss and analyse the performance and learn how to talk about it in written form, ready for this end of year exam.

Learning Areas:

[Arts](#), [Arts - Drama](#)

Pathway

[NCEA Level 2 Drama](#)

Studying Drama at school develops a wide range of highly valuable communication, relationship skills, creative thinking skills and confidence - dispositions which are important in any future pathway. Study of Drama also connects directly to tertiary courses and careers in performing arts, the media industries, events and hospitality, sales, and human resources.

Assessment Information

Students are assessed once per term using NCEA Achievement Standards. Assessments take the form of performance work in small groups. Performance skills and knowledge of Drama will be assessed.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90006 v6 Drama 1.1 - Apply drama techniques in a dramatic context Creative Industries: 4	1	I	4	Y		
A.S. 90011 v7 Drama 1.7 - Demonstrate understanding of the use of drama aspects within live performance Creative Industries: 4	1	E	4	Y		
A.S. 90997 v2 Drama 1.2 - Devise and perform a drama Creative Industries: 5	1	I	5	Y		
A.S. 90999 v4 Drama 1.4 - Use features of a drama/theatre form in a performance Creative Industries: 4	1	I	4	Y		
Total Credits			17	17	0	0

Total Credits Available: 17 credits.

Externally Assessed Credits: 4 credits.

Internally Assessed Credits: 13 credits.

NCEA Level 2 Drama

2ADRA



Course Description

Head of Faculty - Kaihautuu: Vicky Moore-Allen

Recommended Prior Learning

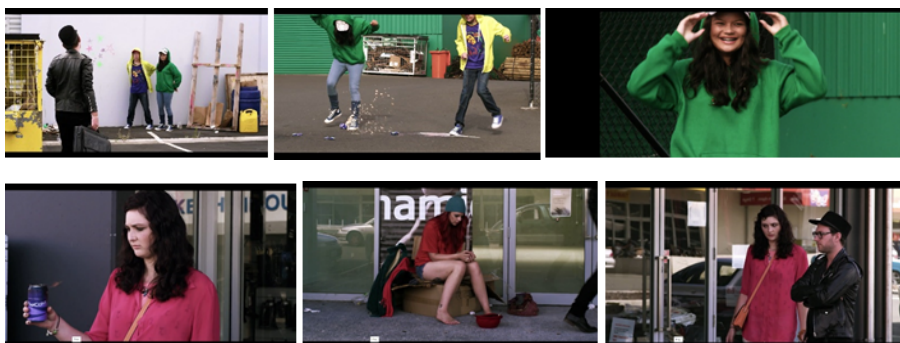
It is advised that students have previously taken NCEA level 1 Drama. However exceptions can be made after consultation between the student and the HOD.



Year 12 Drama will advance the knowledge and skills introduced in Year 11 Drama, enabling you to explore and express more ideas in more complex ways. In Year 12 you will learn about new theatre forms, genres, and fresh scripted works.

Year 12 Drama is a practical participation course that explores these four areas:

- * developing your understanding and use of the elements, techniques, conventions and technologies of Drama;
- * developing ideas through innovation, imagination and the use of personal experiences.
- * learning to co-operate and collaborate with others to execute these ideas into action.
- * Drama is concerned with communicating and interpreting. We do this through discussion, writing about our own and others' work, and then by making drama.



What will I learn and how will I learn?

Drama learning unfolds through a variety of ways, including devising, workshops, impromptu work, scripted work and attending live theatre performances. This Level 2 course extends core skills in Drama. Students must be willing to actively participate in all activities. Students will work in groups, learning to co-operate and collaborate. They will work with and grow advanced knowledge and awareness of dramatic techniques, elements and conventions, using these to create strong performance pieces. Students will devise original drama, bring to life scripted works, expand their skills and confidence as performers. Students will extend their knowledge of theatre forms, dramatic elements and conventions, and use these in increasingly effective ways.

There are many ways in which Drama education leads to your success:

Social Awareness - Legends, myths, poems, stories, and plays used in drama teach students about social issues and conflicts from cultures – past and present – all over the world.

Self-Confidence - Taking risks in class and performing for an audience teaches students to trust their ideas and abilities. The confidence gained in drama applies to school, university, careers, and life in general.

Imagination - Making creative choices, thinking of new ideas, and interpreting familiar material in new ways are essential to drama. Einstein said: 'Imagination is more important than knowledge'.

Empathy - Acting roles from different situations, time periods, and cultures promotes compassion and tolerance for others' feelings and viewpoints.

Cooperation & Collaboration - drama combines the creative ideas and abilities of its participants. This cooperative process includes discussing, negotiating, rehearsing, and performing.

Communication Skills - Drama enhances verbal and nonverbal expression of ideas. Listening and observation skills develop by playing drama games, being an audience, rehearsing, and performing.

Concentration - Playing, practicing, and performing develop sustained focus, body, and voice, which also helps in other subjects and courses, and, again, life in general.

Problem solving - Students learn how to communicate the who, what, where, and why to the audience. Improvisation fosters quick-thinking solutions, which leads to greater adaptability in life.

Fun - Drama brings play, humour, and laughter to learning; this improves motivation and reduces stress. **Emotional Outlet** - Pretend play and drama games allow students to express a range of emotions. Many drama activities reduce stress by releasing mental, physical, and emotional tension.

Self-discipline - The process of moving from ideas to actions to performances teaches the value of practice and perseverance. Drama games and creative movement improve self-control.



Course Overview

Term 1

AS 91213 - Apply Drama techniques in a scripted context. 4 credits. Internally assessed.

In this unit of work students will use and extend important drama skills using voice, body, movement and space. They will then apply these techniques in performance of an excerpt from a scripted play, working in small groups or in pairs. Students will learn to annotate scripts, learn how to develop and portray a convincing character and portray an intention in their performance work.

Term 2

AS 91216 - Use complex performance skills associated with a drama or theatre form or period. 4 credits. Internally assessed.

In this unit of work students will learn about a specific theatre form, such as Greek or Elizabethan theatre. Students will develop their knowledge of the selected theatre form and apply that learning to their performance work.

Term 3

AS 91214 - Devise and perform a drama to realise an intention. 5 credits. Internally assessed.

In this unit of work students will expand on their knowledge of drama conventions and use these effectively in performance work. Conventions are techniques used in creating a drama that enable a story or ideas to unfold. Examples of drama conventions are slow-motion, flash back, still-frame, narration, split stage, aside, monologue, chorused movement. After learning about how to apply these in performance, students will create their own short performance work in groups.

Term 4

AS 91219 - Discuss drama elements, techniques, conventions and technologies within live performance. 4 credits. Externally assessed.

This is a formal written exam based on students' understanding of a live theatre performance they will have have been to see during the year as a whole class. At the time of going to see the play, students will discuss and analyse the performance, learning how to talk about it in written form, ready for this end of year exam.

Learning Areas:

[Arts](#), [Arts - Drama](#)

Pathway

[NCEA Level 3 Drama](#)

Assessment Information

Students are assessed once per term using NCEA Achievement Standards. Assessments take the form of performance work in small groups. Performance skills and knowledge of Drama will be assessed. Regular attendance is important, as assessment work is mostly developed in groups. Some written work is required.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91213 v2 Drama 2.1 - Apply drama techniques in a scripted context Creative Industries: 4	2	I	4	Y	4r	
A.S. 91214 v2 Drama 2.2 - Devise and perform a drama to realise an intention Creative Industries: 5	2	I	5	Y		
A.S. 91216 v4 Drama 2.4 - Use complex performance skills associated with a drama or theatre form or period Creative Industries: 4	2	I	4	Y	4r	
A.S. 91219 v2 Drama 2.7 - Discuss drama elements, techniques, conventions and technologies within live performance Creative Industries: 4	2	E	4	Y		
Total Credits			17	17	8	0

Total Credits Available: 17 credits.

Externally Assessed Credits: 4 credits.

Internally Assessed Credits: 13 credits.



Course Description

Head of Faculty - Kaihautuu: Vicky Moore-Allen

Recommended Prior Learning

It is preferable for students to have successfully studied Year 12 Drama and/or have experience in performing. If not, please discuss your readiness for this course with HOD Drama Mrs Taylor, or with Mrs Moore-Allen.

Drama is concerned with communicating and interpreting - through workshops, devising, performance, discussion and writing about our own and others' work, as well as through the study and performance of play scripts.

This is a practical course that explores four areas: the purpose of Drama in our lives and communities; developing understanding and use of the elements, techniques, conventions, and technologies of Drama; developing ideas through innovation, imagination, and the use of personal experiences. Students learn how to co-operate and collaborate with others to execute these ideas into action.

What will I learn and How will I learn?

This Level 3 course extends students' abilities from foundational to complex skills in Drama. Students must be willing to actively participate in all activities. You will work in groups, learning to co-operate and collaborate. You will extend and refine your knowledge and awareness of dramatic techniques, elements and conventions and how to use these to create performance pieces. Students will develop their acting and theatre skills. You will learn how to devise drama, how to interpret a script, and how to perform in front of others using different theatre forms, elements and conventions. Preparation for an external standard is done in class time as part of the course.



There are many ways in which Drama education leads to your success:

Social Awareness - Legends, myths, poems, stories, and plays used in drama teach students about social issues and conflicts from cultures – past and present – all over the world.

Self-Confidence - Taking risks in class and performing for an audience teaches students to trust their ideas and abilities. The confidence gained in drama applies to school, university, careers, and life in general.

Imagination - Making creative choices, thinking of new ideas, and interpreting familiar material in new ways are essential to drama. Einstein said: 'Imagination is more important than knowledge'.

Empathy - Acting roles from different situations, time periods, and cultures promotes compassion and tolerance for others' feelings and viewpoints.

Cooperation & Collaboration - drama combines the creative ideas and abilities of its participants. This cooperative process includes discussing, negotiating, rehearsing, and performing.

Communication Skills - Drama enhances verbal and nonverbal expression of ideas. Listening and observation skills develop by playing drama games, being an audience, rehearsing, and performing.

Concentration - Playing, practicing, and performing develop sustained focus, body, and voice, which also helps in other subjects and courses, and, again, life in general.

Problem solving - Students learn how to communicate the who, what, where, and why to the audience. Improvisation fosters quick-thinking solutions, which leads to greater adaptability in life.

Fun - Drama brings play, humour, and laughter to learning; this improves motivation and reduces stress. **Emotional Outlet** - Pretend play and drama games allow students to express a range of emotions. Many drama activities reduce stress by releasing mental, physical, and emotional tension.

Self-discipline - The process of moving from ideas to actions to performances teaches the value of practice and perseverance. Drama games and creative movement improve self-control.



Course Overview

Term 1

AS 91512 - Interpret scripted text to integrate drama techniques in performance. 4 credits. Internally assessed.

In this unit of work students will use and extend important drama skills using voice, body, movement and space. They apply these techniques in performance of an excerpt from a scripted play, working in small groups, pairs or solo. Students annotate scripts, develop and portray convincing characters and portray an intention in their performance work.

Term 2

AS 91515 - Select and use complex performance skills associated with a drama form or period. 4 credits. Internally assessed.

In this unit of work students will learn about a specific theatre form, such as Elizabethan or Absurdist theatre. Students will develop their knowledge of the selected theatre form and apply that learning to their performance work.

Term 3
AS 91513 - Devise and perform a drama to realise a concept. 5 credits. Internally assessed.
In this unit of work students will expand on their knowledge of drama conventions and use these effectively in performance work. Conventions are techniques used in creating a drama that enable a story or ideas to unfold. Examples of drama conventions are slow-motion, flash back, still-frame, narration, split stage, aside, monologue, chorused movement. After learning about how to apply these in performance, students will create their own short performance work in groups, pairs or solos.

Term 4
AS 91518 - Demonstrate understanding of live drama performance. 4 credits. Externally assessed.
This is a formal written exam based on students' understanding of a live theatre performance they will have have been to see during the year as a class. At the time of going to see the play, students will discuss and analyse the performance, learning how to talk about it in written form, ready for this end of year exam.

Learning Areas:
[Arts, Arts - Drama](#)

Assessment Information
Students are assessed once per term using NCEA Achievement Standards. Assessments take the form of performance as solo or small group works. Performance skills and knowledge of Drama will be assessed.

Credit Information
This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91512 v2 Drama 3.1 - Interpret scripted text to integrate drama techniques in performance Creative Industries: 4	3	I	4	Y	4r *	
A.S. 91513 v2 Drama 3.2 - Devise and perform a drama to realise a concept Services Industries: 5 Creative Industries: 5	3	I	5	Y	*	
A.S. 91515 v2 Drama 3.4 - Select and use complex performance skills associated with a drama form or period Creative Industries: 4	3	I	4	Y	4r *	
A.S. 91518 v3 Drama 3.7 - Demonstrate understanding of live drama performance Creative Industries: 4	3	E	4	Y	4w *	
Total Credits			17	17	12	0

Approved subject for University Entrance
Number of credits that can be used for overall endorsement: 17

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 17 credits.
Externally Assessed Credits: 4 credits.
Internally Assessed Credits: 13 credits.



Arts - Music Learning Area

At Pukekohe High School ākonga (students) have the opportunity to be involved in learning and expressing themselves through Dance, Drama, and Music and the Visual Arts.

Arts education explores, challenges, affirms and celebrates unique artistic expressions of self, communities and cultures. In the Arts, ākonga learn to work both independently and collaboratively to construct meanings, produce works, respond to and value others' contributions. They learn to use imagination to engage with unexpected outcomes and to explore multiple solutions.

By actively participating and learning in, through and about the Arts students make and respond to their own and others' work. They connect ideas, imagination, senses, and feelings. By participating in the Arts, the personal well-being of ākonga is enhanced. As they express and respond to works and ideas within creative, aesthetic, and technological frameworks, students' confidence to take risks is increased.

Arts education values the culture and experiences of all ākonga and builds on these with increasing sophistication and complexity as their knowledge and skills develop. Learners develop their ability to view their world from new perspectives. Through the development of Arts literacies - as creators, performers and viewers - are able to participate in, interpret, value, and enjoy the creative Arts throughout their lives.

The Arts learning area comprises four disciplines: Drama, Music (Sound Arts), and Visual Arts (Painting, Photography, and Art Design). Within each, ākonga develop literacies as they build on skills, knowledge, attitudes, and understandings at each of the eight levels of the curriculum. Through Arts practices and the use of traditional and new technologies, ākonga artistic ideas are generated and refined through cycles of action and reflection.



NCEA Level 1 Performance Music

1AMUS



Course Description

Head of Faculty - Kaihautuu: Vicky Moore-Allen

Recommended Prior Learning

Students will ideally enter Year 11 Music with a background in music. This could be Year 10 MUS or MUB, or by learning a musical instrument or voice training outside school. If students are genuinely interested in taking Year 11 Music but have not successfully participated in Year 10 music courses, please discuss this with the Head of Music, Mr Schofield.

In Year 11 Music you will learn and achieve via activities, tasks and performances that involve a mix of practical performance and composition. Students will develop a deeper knowledge of musical theory. You will make progress towards becoming a more accomplished musician. Your skills in time management, relating to others, working individually and with others will be enhanced as you create, perform and analyse music.

Students' practical knowledge of how to deliver a successful, high quality performance, working as a soloist or as a group member will be developed. This will be underpinned by a knowledge of musical theory that will enhance your practical experience whilst composing and performing.

Students will grow their skills and understanding as performers of music, as soloists and in a group. They will develop skills to be able to compose original music using a range of technologies. Students will develop musical aural and theory skills throughout the year.

Music studies at school are not just for students who wish to follow a career path in Music. Skills and key competencies learnt in this subject are transferable to a wide range of careers. Research has shown that students who take Music develop more self-confidence, are conditioned to work hard for results, are more creative, are better at problem-solving and analysing patterns (Mathematics), can work better in a group, and connect with others better.

Learning Areas:

[Arts - Music](#)

Assessment Information

Students will be assessed in three core internal achievement standards, and will also have the option of participating in other internal standards to suit their strengths. Learning for these standards is a mix of practical and theory, so students grow their skills throughout the year. They will choose from the standards below. We recommend students aim to achieve 16-20 credits in total.

Performance-based assessment: Performance assessments occur each term. Each one is recorded and assessed and feedback given to students on how to improve. The best performance will determine the final grade.

Theory and aural assessment: Participating in the external exam at the end of the year is highly recommended. Students will be prepared for this exam throughout the year.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91090 v3 Music 1.1 - Perform two pieces of music as a featured soloist Creative Industries: 6	1	I	6			
A.S. 91091 v3 Music 1.2 - Demonstrate ensemble skills through performing a piece of music as a member of a group Creative Industries: 4	1	I	4			
A.S. 91092 v3 Music 1.3 - Compose two original pieces of music Creative Industries: 6	1	I	6			
A.S. 91093 v3 Music 1.4 - Demonstrate aural and theoretical skills through transcription Creative Industries: 4	1	E	4			
A.S. 91094 v3 Music 1.5 - Demonstrate knowledge of conventions used in music scores Creative Industries: 4	1	E	4	Y		
Total Credits			24	4	0	0

Total Credits Available: 24 credits.

Externally Assessed Credits: 8 credits.

Internally Assessed Credits: 16 credits.

NCEA Level 2 Performance Music

2AMUS



Course Description

Head of Faculty - Kaihautuu: Vicky Moore-Allen

Recommended Prior Learning

To study Music at Level 2, students need to have gained satisfactory achievement from a previous level of study musical study. This may have been via a school music course, being a member of a band, or study of music outside of school. Students who did not participate or achieve in Year 11 Music should speak to Mr Schofield to gain HOD approval.

Students should commit to practising their instrument or voice at least four times a week out of class time, for an average of 40 minutes per practice.

In the Level 2 Music course students will develop capabilities in a range of musical skills and forms and technologies. Students' learning will focus on practical performance abilities and composition, combined with developing a more detailed knowledge of musical theory. The combination of these skills will further help you on your journey towards becoming a well-rounded musician. Your skills in time management, relating to others, working individually and with others will be enhanced as you create, perform and analyse music at a higher level.

Students will advance their practical knowledge of how to deliver a successful, high quality performance working as a soloist or as a group member. This will be underpinned by a knowledge of musical theory that will support and enhance your practical experience whilst composing and performing.

This is a fun course of study, tailored to individual student's strengths and interests in Music. Ākonga will continue to develop their skills in composition or instrumentation, music in context, and will extend their skills in critical listening. Ākonga will study areas of Composition, Critical listening, Music technology and Music in context. They will build confidence in their value as musicians, bringing their own experiences and culture to the music they create. Ākonga will work independently and collaboratively to produce and perform music. Each student will be able to make decisions about the make-up of their course and can choose achievement standards that suit their strengths and future career paths. There is a focus on participation in extra-curricular activities and performing in the community.

Music studies at school are not just for students who wish to follow a career path in Music. Skills and key competencies learnt in this discipline are transferable to a wide range of careers. Research has shown that students who take Music develop more self-confidence, are conditioned to work hard for results, are more creative, are better at problem-solving and analysing patterns (Mathematics), can work better in a group, and connect with others better.

Learning Areas:

[Arts - Music](#)

Pathway

[NCEA Level 3 Performance Music](#)

Many Pukekohe High School graduates have gone on to study Music at tertiary level, training to become professional musicians, tutors, or sound and studio technicians. Many others have continued to pursue life-long active enjoyment of music in their personal lives.

Studying Music at school is not just for students who wish to follow a career path in Music. Skills and key competencies learnt in this subject are transferable to a wide range of careers. Research has shown that students who take Music develop more self-confidence, are conditioned to work hard for results, are more creative, are better at problem-solving and analysing patterns (Mathematics), can work better in a group, and connect with others better.

Assessment Information

Course Recommendation: 16 – 18 credits (combination of internal and external standards)

Each student will be able to make guided decisions about the make-up of their course and can choose achievement standards that suit their strengths and future career paths.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91270 v2 Making Music 2.1 - Perform two substantial pieces of music as a featured soloist Creative Industries: 6	2	I	6			
A.S. 91271 v2 Making Music 2.4 - Compose two substantial pieces of music Creative Industries: 6	2	I	6			
A.S. 91272 v2 Making Music 2.3 - Demonstrate ensemble skills by performing a substantial piece of music as a member of a group Creative Industries: 4	2	I	4			
A.S. 91274 v2 Making Music 2.2 - Perform a substantial piece of music as a featured soloist on a second instrument Creative Industries: 3	2	I	3			
A.S. 91275 v3 Making Music 2.5 - Demonstrate aural understanding through written representation Creative Industries: 4	2	E	4			
A.S. 91276 v3 Music Studies 2.6 - Demonstrate knowledge of conventions in a range of music scores Creative Industries: 4	2	E	4	Y		
Total Credits			27	4	0	0

Total Credits Available: 27 credits.

Externally Assessed Credits: 8 credits.

Internally Assessed Credits: 19 credits.

NCEA Level 3 Performance Music

3AMUS



Course Description

Head of Faculty - Kaihautuu: Vicky Moore-Allen

Recommended Prior Learning

To study Music at Level 3, students need to have gained satisfactory achievement from a previous level of musical study. This may have been via a school music course, being a member of a band, or study of music outside of school. Students who did not participate or achieve in Year 12 Music should speak to Mr Schofield to gain HOD approval.

Students should commit to practising their instrument or voice at least four times a week out of class time, for an average of 40 minutes per practice.

Your choice of standards will create a pathway forwards as you become an accomplished musician. Choose from a combination of practical solo, group performance and composition along with more advanced theory, research or arrangement as you focus on the themes that are your strengths. You will learn and achieve whilst working solo and/or with a group. You will further enhance your knowledge and skills whilst becoming an experienced performer, composer and musician. All aspects of this course will encourage you to develop your craft towards becoming whatever type of musician you wish to be.

Level 3 Music is a specialised course of study, tailored to the individual strengths and interests of each Ākonga. Students can focus on further learning in Making Music and Music Studies. Internal assessments cover areas of performance, composition, and the study of music works in context, including analysis. Ākonga will continue to develop their skills in composition, arranging or songwriting musical works in context. They will extend their skills in critical listening which helps to build confidence in their value as musicians that bring their own experiences and culture to their own and other's music.

Learning Areas:

[Arts - Music](#)

Assessment Information

Course Recommendation: 16 – 20 credits (combination of internal and external standards)

Each student will be able to make guided decisions about the make-up of their course and can choose achievement standards that suit their strengths and future career paths.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91416 v2 Making Music 3.1 - Perform two programmes of music as a featured soloist Creative Industries: 8	3	I	8		*	
A.S. 91418 v2 Making Music 3.3 - Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group Creative Industries: 4	3	I	4		*	
A.S. 91419 v2 Making Music 3.4 - Communicate musical intention by composing three original pieces of music Creative Industries: 8	3	I	8		*	
A.S. 91420 v2 Making Music 3.5 - Integrate aural skills into written representation Creative Industries: 4	3	E	4		*	
A.S. 91424 v2 Music Studies 3.9 - Create two arrangements for an ensemble Creative Industries: 4	3	I	4		*	
A.S. 91425 v2 Music Studies 3.10 - Research a music topic Creative Industries: 6	3	I	6	Y	6r *	
Total Credits			34	6	6	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: **34**

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 34 credits.

Externally Assessed Credits: 4 credits.

Internally Assessed Credits: 30 credits.



Arts - Visual Arts Learning Area

At Pukekohe High School ākonga (students) have the opportunity to be involved in learning and expressing themselves through Dance, Drama, and Music and the Visual Arts.

Arts education explores, challenges, affirms and celebrates unique artistic expressions of self, communities and cultures. In the Arts, ākonga learn to work both independently and collaboratively to construct meanings, produce works, respond to and value others' contributions. They learn to use imagination to engage with unexpected outcomes and to explore multiple solutions.

By actively participating and learning in, through and about the Arts students make and respond to their own and others' work. They connect ideas, imagination, senses, and feelings. By participating in the Arts, the personal well-being of ākonga is enhanced. As they express and respond to works and ideas within creative, aesthetic, and technological frameworks, students' confidence to take risks is increased.

Arts education values the culture and experiences of all ākonga and builds on these with increasing sophistication and complexity as their knowledge and skills develop. Learners develop their ability to view their world from new perspectives. Through the development of Arts literacies - as creators, performers and viewers - are able to participate in, interpret, value, and enjoy the creative Arts throughout their lives.

The Arts learning area comprises four disciplines: Drama, Music (Sound Arts), and Visual Arts (Painting, Photography, and Art Design). Within each, ākonga develop literacies as they build on skills, knowledge, attitudes, and understandings at each of the eight levels of the curriculum. Through Arts practices and the use of traditional and new technologies, ākonga artistic ideas are generated and refined through cycles of action and reflection.





Course Description

Head of Faculty - Kaihautuu: Vicky Moore-Allen

Recommended Prior Learning

It is preferable, but not essential, for students to have studied Year 10 Visual Art. Students who studied Art in Year 10 should have experienced success at Achieved level or above. This is an active course. Students should have a genuine interest in developing their skills and learning by participating.

This course will extend your art-making skills and the way in which you see and respond to the world. Our students are encouraged to honour and express their own culture, personality and interests as they develop their work. Students will also explore the cultural perspectives, experiences and ideas of other people and communities.



Art works above are dry point etching prints by Year 11 Art students.

What do I learn in this course?

Year 11 Art is a practical course. In this course you will develop and extend your skills using a wide range of drawing, painting and printmaking media. You will learn to make art works that advance your skills using all sorts of art media, including a variety of drawing materials, mixed media, water colour, acrylic painting, dry point etching, lino cut, paper cut, stencil work, spray paint, cyanotype and some 3D work. You learn and make progress by participating, so it's important to be an active learner.



Art works above are acrylic paintings by Year 11 Art students.

By the end of Term 1 each student will have been guided to select a personal theme will begin to make art works that explore and express ideas on that theme. You will learn how to research ideas in creative ways. We help you to select a theme within the course framework, and to then extend your ideas. You will use an art journal to support your learning. You learn how to look at the works of artists of all different kinds, from the past and the present, and take inspiration from their work as you develop and extend your own ideas and skills. You learn to explore ideas, experiment with media, make meaningful artworks, and to respond to and value others' feedback. You learn to use imagination, observation, research and practical investigation to develop your ideas with increasing depth. Aakonga will have the opportunity to showcase their work, to participate in exhibitions, competitions and trips to galleries or other learning sites. By the end of this course, you will have a stronger understanding of what your personal creative strengths are. You will have extended your creative thinking skills, and you will know whether you would like to specialise in Painting or Printmaking (or both) in Year 12.



Images above: This installation box features lino and etching prints by Year 11 Art students, and was exhibited at the Maritime Museum Gallery in Auckland. Read more here: <https://www.aucklandlive.co.nz/show/i-am-island-and-sea> & here: <https://www.pukekohehigh.school.nz/3rd-july-generations-day-celebrating-100-years-of-rugby-at-phs/>



Art works above feature acrylic painting and paper cut by Year 11 Art students.

How can Art help me in the future?

People with creative abilities and minds are highly sought after and valued in all sorts of careers. There are now many career paths for people with skills in practical and digital arts. Even if you intend to pursue a future pathway unrelated to the Arts, courses in the visual arts are valuable ways of extending your thinking abilities. We teach in a way that encourages ākonga to examine and respond to the world. Brain research confirms that an Arts education strengthens students' problem-solving and critical thinking skills, adding to overall academic achievement, school success, and preparation for the workforce. You will develop all sorts of personal and creative capabilities that will be relevant to any future pathway of your choice and enjoy the positive and supportive learning environment we provide.

NOTE: Due to the common achievements standards (AS90915 & AS90916) taught within 11ART & 11PHD, students should ideally choose Level 1 Art or Level 1 Photo-Design. They will need permission from the Head Of Department to take both. See note above.

Course Overview

Term 1

Getting your art journal started.

Drawing media & processes: developing skills using a wide range of media and techniques; extending observational drawing skills; apply these skills to make a sequence of finished drawings expressing ideas on the theme selected.

Selecting and resourcing a personal theme and investigation: extended brainstorming; research; find and make visual resources from which to draw and make art works, including taking your own photos.

Making cyanotype prints (sun prints).

Field trip to Hamilton Zoo or Tiritiri Matangi Island. Take photos, make drawings, generate ideas & resources.

Developing water colour painting skills then making finished paintings.

Complete internal Achievement Standard 1.2 (4 cr) Generate & develop Ideas using wet & dry media.

Term 2

Develop skills in dry point etching and printing techniques. Apply skills to make an edition of finished etchings.

Extend your ideas again, and develop ideas for next works; lino cut, wood cut or a paper cut. Make finished works using these skills.

Develop skills in acrylic painting and apply to a finished work.

Make artist model studies in your journal.

Extending ideas for your theme into new media. Complete work for internal Achievement Standard 1.3 (6 cr).

Term 3

Students will focus on completing works for their two-panel art portfolio. Students will be able to make choices about what media they want to work with as they make new works.

Look at the works of more artists to support your learning and the development of your own work and skills.

Opportunities to enter work into competitions, and to exhibit.

Refining and deepening your skills and ideas in media of your choice.

Term 4

Completion of externally assessed folio boards (12 credits).

Learning Areas:

[Arts](#), [Arts - Visual Arts](#)

Pathway

[NCEA Level 2 Design](#), [NCEA Level 2 Motion Special Effects](#), [NCEA Level 2 Painting](#), [NCEA Level 2 Photography](#), [NCEA Level 2 Printmaking](#)

Students are recommended to take either Level 1 Art or Level 1 Photo-Design. Photo-Design is the ideal foundation for Level 2 Design. Level 1 Art is the ideal foundation for Level 2 Art. Both courses pathway through to Level 2 Photography and Motion Special Effects. Students must gain special permission to take both Level 1 Art and Level 1 Photo-Design.

There are many career options and tertiary pathways involving visual arts skills, literacies and creative thinking. These span a wide range of industries and fields of knowledge. People with creative, original, high level thinking and problem-solving skills are highly sought after.

Contributions and Equipment/Stationery

Students are encouraged to purchase their own art journal, drawing pencils, eraser and paints and brushes. Materials can be supplied. Full details of how to purchase from National Art Supplies will be provided at the start of the year.

Assessment Information

Portfolio-based assessment. Evidence will be gathered from students' art journals, developmental work, individual art works, research, planning and note-taking. The external standard is comprised of a folio board of finished works that show students' skills in a range of media and development of ideas.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90914 v3 Visual Arts 1.2 - Use drawing methods and skills for recording information using wet and dry media Creative Industries: 4	1	I	4			
Total Credits			22	0	0	0

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90915 v2 Visual Arts 1.3 - Use drawing conventions to develop work in more than one field of practice Creative Industries: 6	1	I	6			
A.S. 90916 v3 Visual Arts 1.4 - Produce a body of work informed by established practice, which develops ideas, using a range of media Creative Industries: 12	1	E	12			
Total Credits			22	0	0	0

Total Credits Available: 22 credits.
Externally Assessed Credits: 12 credits.
Internally Assessed Credits: 10 credits.

NCEA Level 1 Photo Design

1APHD

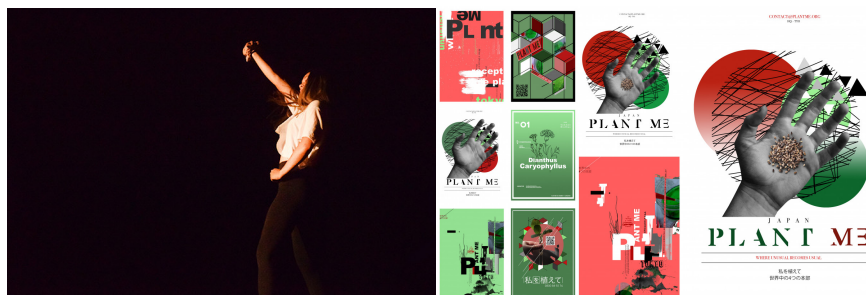


Course Description

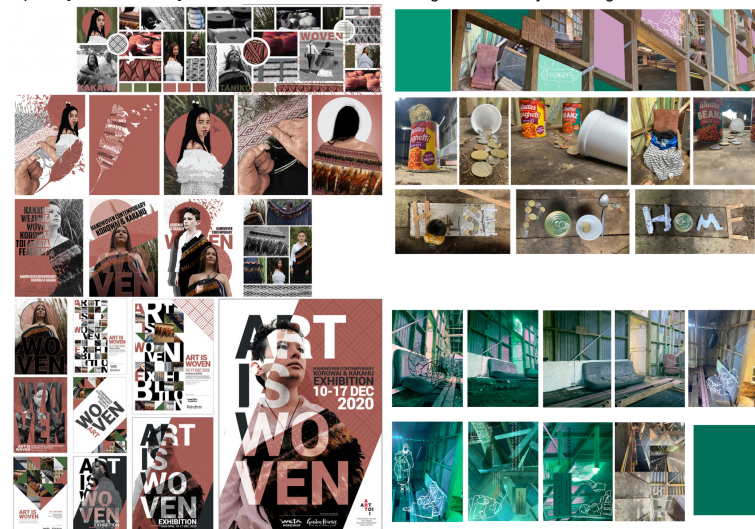
Head of Faculty - Kaihautuu: Vicky Moore-Allen

Recommended Prior Learning

It is preferable for students to have studied year 9 and 10 Art but is not compulsory. Students may choose this option if they have a passion or interest in developing creative skills in design and photography.



Students will develop skills to be high level independent creative thinkers, able to establish and generate unique and original creative concepts which prepare them for Level 2 visual arts courses, leading on to pathways in creative industry and tertiary level. Students will develop a wide range of capabilities in the area of Design and Photography. Students will develop capabilities in digital drawing, image editing, photographic studio skills, virtual reality and augmented reality using the Adobe Creative Suite, whilst at the same time enhancing their independent learning skills for a changing future world. They will take part in practical workshops which focus on the development of photographic knowledge and skills, producing imagery based on their chosen theme or company. They will also establish a broad practical understanding of design, visual communication, identity and branding. Students will develop the ability to come up with original concepts. Students will also develop the capability to use industry standard creative software to a high level as they make digital artworks.



Level 1 Photo-Design is recommended for students interested in creative design, photography and digital art-making. It is an excellent choice for those who wish to develop creative thinking abilities, applying them to a variety of design and photographic professional outcomes. It is the ideal foundation for Level 2 Art Design, Photography and Motion Special Effects courses, with the potential to lead to further opportunities and careers in Animation, Gaming, Moving Image, Special Effects, Film, Design and Photography.

Learning Areas:

[Arts](#), [Arts - Visual Arts](#)

Pathway

[NCEA Level 2 Design](#), [NCEA Level 2 Motion Special Effects](#), [NCEA Level 2 Painting](#), [NCEA Level 2 Photography](#), [NCEA Level 2 Printmaking](#)

Students are recommended to take either Level 1 Art or Level 1 Photo-Design. Photo-Design is the ideal foundation for Level 2 Design. Level 1 Art is the ideal foundation for Level 2 Art. Both courses pathway through to Level 2 Photography and Motion Special Effects. Students must gain special permission to take both Level 1 Art and Level 1 Photo-Design because some course credits are in common. There are many career options and tertiary pathways involving visual arts skills, literacies and creative thinking. These span a wide range of industries and fields of knowledge. People with creative, original, high level thinking and problem-solving skills are highly sought after.

Contributions and Equipment/Stationery

It is preferable if students have their own device to run the Adobe Creative Suite Software. Desk-top computers are available for use in school in class and during break times. Students should expect to work for a minimum of two hours per week outside of class time.

Assessment Information

This is a portfolio based assessment comprised of two internals and one final external. The external takes the form of a folio board of digital printed works. Students need to be actively involved in developing skills and making works every lesson to complete learning and assessment tasks.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90915 v2 Visual Arts 1.3 - Use drawing conventions to develop work in more than one field of practice Creative Industries: 6	1	I	6			
A.S. 90916 v3 Visual Arts 1.4 - Produce a body of work informed by established practice, which develops ideas, using a range of media Creative Industries: 12	1	E	12			
A.S. 90917 v3 Visual Arts 1.5 - Produce a finished work that demonstrates skills appropriate to cultural conventions Creative Industries: 4	1	I	4			
Total Credits			22	0	0	0

Total Credits Available: 22 credits.
Externally Assessed Credits: 12 credits.
Internally Assessed Credits: 10 credits.

NCEA Level 2 Design

2ADES



Course Description

Head of Faculty - Kaihautuu: Vicky Moore-Allen

Recommended Prior Learning

It is preferable for students to have taken Level 1 Photo Design but learning in other art courses, or having skill in using adobe creative software will be considered as an adequate foundation. Students should have an interest in creativity, learning new techniques, working with digital technologies and trying new things. This course is an ideal and complementary subject to study alongside study in the Level 2 DVC course, or other Level 2 visual arts courses (Photography, Motion Special Effects, and Painting or Printmaking)

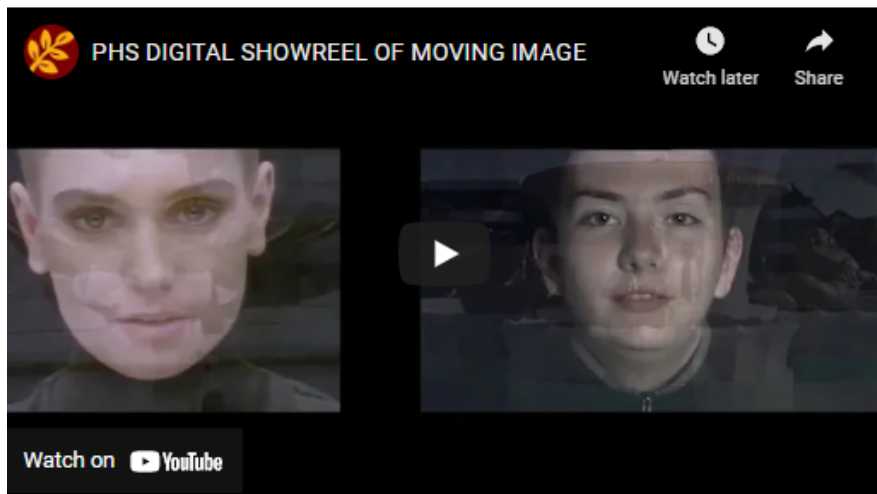


This course is about developing your knowledge of design, and extending your skills in a range of creative and moving image formats. You will learn how to create futuristic and authentic real world design outcomes. You will learn how to evolve concepts, and produce a range of handmade, digital and moving image works using the Adobe Creative Suite. You will be introduced to virtual and augmented reality technologies, work with motion graphics and studio green screen technology.

The conceptual basis of the work you design will be based on a futuristic company for the year 2050 you conceive. Using a range of creative technologies, you will create exciting artworks and interactive animations in response to a range of briefs. As the year progresses, the works you design and evolve are combined to make a digital folio for external assessment. This will include a moving image work, and it will showcase your abilities and concepts. This course will develop highly relevant skills, knowledge and thinking for our ever-changing world, using cutting edge creative technologies and software.



What knowledge will I develop? Students will learn how to generate and develop independent creativity, building lateral and in-depth thinking skills which are transferable to other arts disciplines and other fields of knowledge. Students will learn how to develop company branding and identity, making interactive design works such as posters, interactive billboards and a promotional moving image sequence using Adobe video editing software (Premier Pro, After Effects and Photoshop). You will learn a wide range of graphic animation and film making techniques for advertising, aided by the study of practical and theory sessions with moving image and interactive design (augmented reality, virtual reality and info graphics).



Course Overview

Term 1

Welcome to 2050 design – show cool videos etc
 Show outline with briefs
 Research tasks intro to design – looking at designers and styles (PowerPoint)
 Branding intro, colour, type etc
 The future is yours
 Looking at previous folios
 Logo start

Term 2

Start talking about digital folio
 App design
 Choose Group of 4
 Project 4
 Allocate a Director for each Moving Image technique
 Group Brainstorm for ideas for Moving Images
 Each small Moving Image should be 5-10 secs long
 Can have audio
 Must have a title/credits at the end.
 You have 2 weeks to complete
 Awards/Oscars ceremony/Screening in the hall.
 Exhibition of pieces in town. Marked as 2.5 Internal.

Term 3

Posters and Interactive Billboard
 PLANNING YOUR MOVING IMAGE/PROMOTIONAL FILM VIDEO COMPONENT
 What is the established practice (which music videos are you basing yours on)
 What specific techniques will you be using (ie green screen, timelapse, stop motion, rotoscoping, kinetic typography, projections)

Term 4

Formatting Final Digital Folio and handing in the external assessment.
 A range of varied design activities

Learning Areas:

[Arts](#), [Arts - Visual Arts](#)

Pathway

[NCEA Level 3 Design](#)

It is highly recommended that you have learned and achieved in the Year 11 Photo-Design as a foundation for this course, or have basic ability in using Photoshop software. This course will develop advanced skills and knowledge in Design. It introduces students to moving image work. Students will learn using industry standard software. 12 Design is an ideal foundation for students interested many creative digital fields such as animation, virtual reality, gaming and film, architecture, interior-, landscape-, industrial-, textile-, fashion-design, advertising, communications and fine arts.

Contributions and Equipment/Stationery

It is an advantage and preferable for students to have their own device with capacity to run the Adobe Creative Suite needed to complete the course. Desk top computers are available for student use in- and out-of-class time at school.

Assessment Information

Assessment in this course is portfolio based. Work will be produced in sequences throughout each term which will be assessed for three internals. A two-minute interactive digital submission is the final outcome and comprises the external portfolio assessment.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91310 v2 Visual Arts 2.2 - Use drawing methods to apply knowledge of conventions appropriate to design Creative Industries: 4	2	I	4			
A.S. 91315 v2 Visual Arts 2.3 - Develop ideas in a related series of drawings appropriate to established design practice Creative Industries: 4	2	I	4			
Total Credits			24	0	0	0

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91320 v2 Visual Arts 2.4 - Produce a systematic body of work that shows understanding of art making conventions and ideas within design Creative Industries: 12	2	E	12			
A.S. 91325 v2 Visual Arts 2.5 - Produce a resolved work that demonstrates control of skills appropriate to cultural conventions Creative Industries: 4	2	I	4			
Total Credits			24	0	0	0

Total Credits Available: 24 credits.
Externally Assessed Credits: 12 credits.
Internally Assessed Credits: 12 credits.

NCEA Level 2 Motion Special Effects

2AMFX

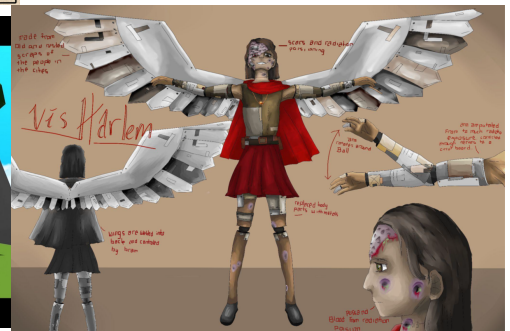
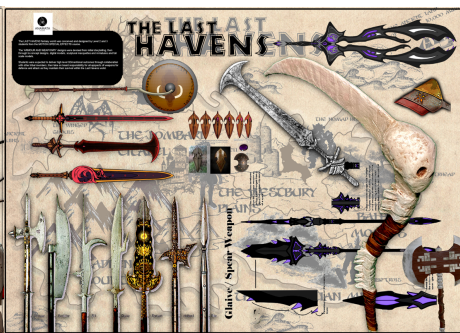


Course Description

Head of Faculty - Kaihautuu: Vicky Moore-Allen

Recommended Prior Learning

Level 1 Photo Design or Art are ideal foundations for this course, but having skills in using the adobe creative software or technology will be considered. Students should have an interest in creativity, learning new techniques, working with digital technologies and risk taking. This course is complementary to Level 2 DVC, and other Level 2 Art courses (Photography, Design, and Art Practical). Students will have an interest in Animation for Film and Gaming, Special Effects and model making, Storytelling, Concept Design.



This course will develop sophisticated skills and advanced knowledge in the field of Motion Special Effects and is an ideal foundation for students interested any creative field such as the Movie Industry, Digital Special Effects, Storytelling, Creative World building, Game Design, Animation, Virtual Reality, Interactive Moving Image, Gaming and Film editing using up to date industry standard software such as Adobe Creative Cloud, Unreal Engine, Blender. The course is a perfect pathway for moving onto study creative tertiary pathways both in Wellington (Massey University) and in Auckland (AUT and Media Design School). Through trips to Weta Workshop and experience through working industry artists and filmmakers, students will gain a practical understanding of the possibilities of Special Effects for both film and gaming industries

Students should have an eagerness to develop skills in moving image, animation, interactive and creative outcomes using industry standard digital applications (such as motion capture, green screen technology and virtual reality), some traditional animation techniques, conceptual design for moving image and gaming, editing and special effects, imaginative story telling. You will see your work realised in a real- world, spatial context.

What knowledge will I develop?

Students will develop knowledge of the Digital Special Effects genre, incorporating a practical and theoretical understanding of how films are created traditionally, and how developed technology has advanced with use of green screen technology, motion capture, virtual reality in the areas of film and gaming. Students will develop their knowledge and understanding of visual storytelling, writing, editing and broadening their practical knowledge of the latest special effects techniques within contemporary moving image culture. Students will enhance their experience by visiting working film/animation studios and receiving guidance from studio based professional practitioners visiting school.

Learning Areas:

[Arts, Arts - Visual Arts](#)

Pathway

[NCEA Level 3 Motion Special Effects](#)

This course will develop sophisticated skills and advanced knowledge in the field of Motion Special Effects and is an ideal foundation for students interested any creative field such as the movie industry, Digital Special Effects, Storytelling, Creative World building, Game Design, Animation, Virtual Reality, Interactive Moving Image, Gaming and Film editing using up to date industry standard software such as Adobe Creative Cloud, Unreal Engine, Blender. The course is a perfect pathway for moving onto study creative tertiary pathways both in Wellington (Massey University) and in Auckland (AUT and Media Design School). Through trips to Weta Workshop and experience through working industry artists and filmmakers , students will gain a practical understanding of the possibilities of Special Effects for both film and gaming industries.

Contributions and Equipment/Stationery

It is preferable if students have their own device able to run the Adobe Creative Suite and Blender needed for the course. However, desk top computers are available for student use in- and out-of-class time at school.

Assessment Information

This is a portfolio based assessment consisting of 1 external digital folio and 3 internals.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91314 v2 Visual Arts 2.2 - Use drawing methods to apply knowledge of conventions appropriate to sculpture Creative Industries: 4	2	I	4			
A.S. 91319 v2 Visual Arts 2.3 - Develop ideas in a related series of drawings appropriate to established sculpture practice Creative Industries: 4	2	I	4			
A.S. 91324 v2 Visual Arts 2.4 - Produce a systematic body of work that shows understanding of art making conventions and ideas within sculpture Creative Industries: 12	2	E	12			
A.S. 91325 v2 Visual Arts 2.5 - Produce a resolved work that demonstrates control of skills appropriate to cultural conventions Creative Industries: 4	2	I	4			
Total Credits			24	0	0	0

Total Credits Available: 24 credits.

Externally Assessed Credits: 12 credits.

Internally Assessed Credits: 12 credits.

Related Videos

<https://www.youtube.com/watch?v=Q26TWn-etPo>

NCEA Level 2 Photography

2APHO

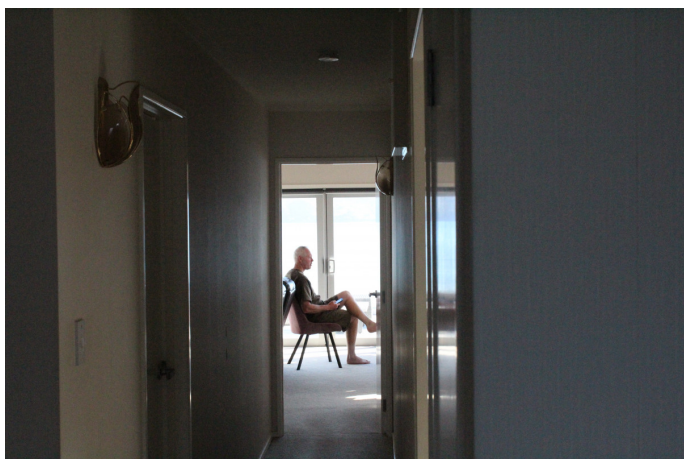


Course Description

Head of Faculty - Kaihautuu: Vicky Moore-Allen

Recommended Prior Learning

Ideally students will have studied one of our visual art courses in Year 10 or 11, but all students who are willing to commit to actively engaging in learning Photography, and to working in and out of class time will be welcome. Photography is an active subject. Students will need to commit to growing their self-management skills.



Students in this Year 12 photography course will explore the technical and creative possibilities of photography as an art form and build their visual literacy and understanding of the creative process.

They will learn how to use a camera and build their understanding of image making and visual communication. This will include learning the technical skills of how to operate a digital SLR camera, the operation of studio lighting and techniques for post production using Adobe Suites.

The focus is on original and creative thinking, using a range of experimental approaches and photographic conventions. Students will work towards a folio or digital folio of their own photographic images, moving or still.

This course introduces contemporary technologies for producing photographic images. The fundamentals of using a digital single reflex camera are stressed. But the camera itself is redefined in this class and can utilise everything from cell phones, the scanner as a camera, disposable cameras, film cameras, video cameras all as legitimate tools for creating photographic images.

This course introduces students to seeing, thinking and creating with a critical mind and eye on the world in which they live. They bring this to the crafting and manipulation of photographic forms and meaning. Students will become far more aware of and attentive to the richness and complexity of the physical world, culture and societies in which we live. This subject will develop students as thinkers, deepening connections and awareness of themselves and others. It has value beyond the development of Photography skills only.

Students need to be committed to taking photographs outside the classroom and completing interesting, challenging homework requirements throughout the year, which will ensure that all students complete their portfolio of work to a high standard.

Course Overview

Term 1

Assessment and Folio Review

Course Overview

-extensions, credits, standards

-digital versus portfolio with examples/ what I need to be prepared for a digital submission

-board and digital film layout

Introduction to Photographic Conventions

Introduction to your camera / DSLR

-understanding exposure

-basic camera settings

-shutter speeds

-depth of field

-how to store and back up your images

Active technical workshops.

Principles of Composition

Introduction to Adobe

Photoshop / Premier Pro

How to unpack a theme

Introduction to 2.2 Internal / Site Investigation

Term 2

The Artist Model

-The Artist Model, how to research-journal entry-

Conventions versus thematic influence.
Applied in local field trips
Structuring, Sequencing and Series
Introduction to 2.3 Internal/ Idea development
Introduction to Threshold Concepts

Term 3
Introduction to Documentary Photography
2.5 Internal Produce a resolved body of work.
Introduction to Critical Analysis
Introduction to image sequencing /still and moving image

Term 4
Final editing of work and finalising sequences.
Printing and mounting of finished folio boards.
Critique.

Learning Areas:
[Arts](#), [Arts - Visual Arts](#)

Pathway
[NCEA Level 2 Design](#), [NCEA Level 2 Painting](#)

Senior photography courses develop multiple life-long skills such as the ability to think in complex and divergent ways, creativity, positive learning dispositions and personal competencies, as well as specific skills in Photography. There are many career options and tertiary pathways involving visual arts skills, literacies and creative thinking. These span a wide range of industries and fields of knowledge. People with creative, original, high level thinking and problem-solving skills are highly sought after.

Assessment Information
Assessment in this course is portfolio based. Students will develop their work throughout each term as they participate in learning activities and assignments. Students will be offered 3 compulsory internals worth 12 credits in total, and an external 12 credit portfolio submission.

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91312 v2 Visual Arts 2.2 - Use drawing methods to apply knowledge of conventions appropriate to photography Creative Industries: 4	2	I	4			
A.S. 91317 v2 Visual Arts 2.3 - Develop ideas in a related series of drawings appropriate to established photography practice Creative Industries: 4	2	I	4			
A.S. 91322 v2 Visual Arts 2.4 - Produce a systematic body of work that shows understanding of art making conventions and ideas within photography Creative Industries: 12	2	E	12			
A.S. 91325 v2 Visual Arts 2.5 - Produce a resolved work that demonstrates control of skills appropriate to cultural conventions Creative Industries: 4	2	I	4			
Total Credits			24	0	0	0

Total Credits Available: 24 credits.
Externally Assessed Credits: 12 credits.
Internally Assessed Credits: 12 credits.

NCEA Level 3 Art History

3AHIS



Course Description

Head of Faculty - Kaihautuu: Vicky Moore-Allen

Recommended Prior Learning

Level 2 English or an accredited literacy subject is desirable. Students who pass two of the following at merit - English 2.1, 2.2, 2.3, and 2.4 will be well set-up to attain credits in this course, or similar literacy skills gained from the Social Sciences subjects. Competent reading and writing skills are required. Visual Arts study at level 2 and/or Level 3 in the current year of study are also recommended, but this subject will appeal to many students other than those studying visual arts.

Art History makes you think and question "what is culture?" Students will participate in discussions and contribute to the classes collective, growing knowledge and understanding of the meaning and styles of art and how this fit into broader context of history and culture.



Art History develops sophisticated skills in visual literacy, making you examine, argue, respond, critique, analyse and interpret images in a world that is saturated with imagery. Broad and deep research provides a deeper understanding of different cultural traditions and historical periods and teaches us the importance of creativity, freedom of imagination and art. It helps us understand the theories, contexts and values of different times and places. Although the course is named 'Art History', much of the work studied links to the recent past and contemporary work and societies.

You will discover visual evidence of who and where you came from through artworks from a variety of cultures, including New Zealand, developing confidence and a strong cultural identity.



Art History will help you appreciate art, know what is "good art," visit exhibitions, buy and collect art and appreciate the sights and the art of other cultures when you travel. It will broaden your mind to embrace new perspectives and ways of seeing. Along the journey you may discover a passion for the scientific aspects of art restoration, or curating exhibitions or writing about art.

Students complete three internals during the year worth four credits each, focusing on research, theory (post-colonial theory) and forming an argument. At the end of the year students can sit one or two external exams, focusing on style or iconography (symbolism in Art), or the context of the art. In Art History we cover parts of Three Topics of study:

- The Early Italian Renaissance
- Modernism to Post-Modernism
- Contemporary Diversity - Art after 2000

Each topic has a set-list of artists to be studied. These areas will be the focus of internals and at the same time prepare students for external exams.



Art History is a challenging subject that requires spelling names correctly, remembering dates, facts and details about artworks. To be successful students must attend class regularly and take good notes during class. They will also need to read and revise the notes provided in class and on Teams for homework. In their internal assessments students need to source all their quotes and reference them correctly (like they would be required to do at University). This course is an excellent preparation for University level thinking and working, whatever your pathway forward. Art History is a Level 3 NCEA literacy subject, and a list A University entrance subject.

Course Overview

Term 1
Topic: Intro to Art History and Early Italian Renaissance art - Intro to Religious art, style, Iconography and Context. First internal based on analysis 3 texts.

Term 2
Topic: Contemporary Diversity art since 2000 and Post colonial theory. Second internal on NZ and Pacifica art and post colonial theory.

Term 3
Topic Modernism and Post Modernism. Third internal focused on Creating a structured argument about Pop art or Feminist Art.

Term 4
Revision for Externals. It is recommended that students select one external paper to focus on for the 3 hour exam. Art History is often the last level 3 exam in the timetable so students need to commit to attend study tutorials when school has finished, till the exam at the start of December.

Learning Areas:
[Arts](#), [Arts - Visual Arts](#)

Assessment Information

Students will demonstrate their knowledge via written assignments. Three Internals are offered worth 4 Credits each, focused on research, post colonial theory and forming an argument. Students are advised to select one or two of the externals offered, focusing on style and iconography (symbolism in Art) or context for the duration of the exam. Art History students will be offered and are advised to attend study tutorials in Term 4.

Credit Information

This course is eligible for subject endorsement.
This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91482 v2 Art History 3.1 - Demonstrate understanding of style in art works Creative Industries: 4	3	E	4	Y	4r,4w *	
A.S. 91483 v2 Art History 3.2 - Examine how meanings are communicated through art works Services Industries: 4 Creative Industries: 4	3	E	4	Y	4r *	
A.S. 91484 v2 Art History 3.3 - Examine the relationship(s) between art and context Creative Industries: 4	3	E	4	Y	4r,4w *	
A.S. 91486 v1 Art History 3.5 - Construct an argument based on interpretation of research in art history Creative Industries: 4	3	I	4	Y	4r *	
A.S. 91488 v2 Art History 3.7 - Examine the relationship(s) between a theory and art works Services Industries: 4 Creative Industries: 4	3	I	4	Y	4r *	
A.S. 91489 v1 Art History 3.8 - Analyse texts about art	3	I	4	Y	4r *	
Total Credits			24	24	24	0

Approved subject for University Entrance
Number of credits that can be used for overall endorsement: **24**

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 24 credits.
Externally Assessed Credits: 12 credits.
Internally Assessed Credits: 12 credits.

NCEA Level 3 Design

3ADES



Course Description

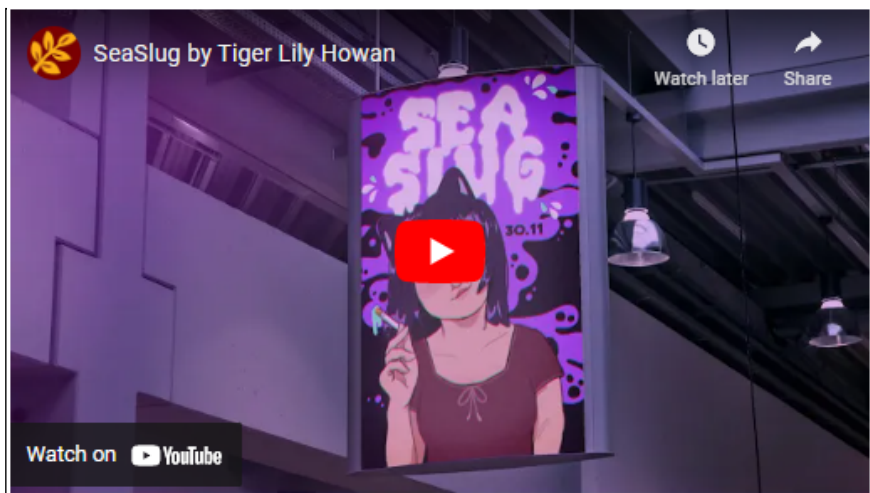
Head of Faculty - Kaihautuu: Vicky Moore-Allen

Recommended Prior Learning

Success in Level 2 Design and Level 1 Photo Design. Other engagement with visual arts at Pukekohe High School, or skill in using adobe creative software may be considered. Please discuss your readiness for this course with the HOD Art or TIC Design if you did not study or achieve in Level 2 Art Design. Students should have an interest in creativity, learning new techniques, working with digital technologies and risk taking.

This course is complem

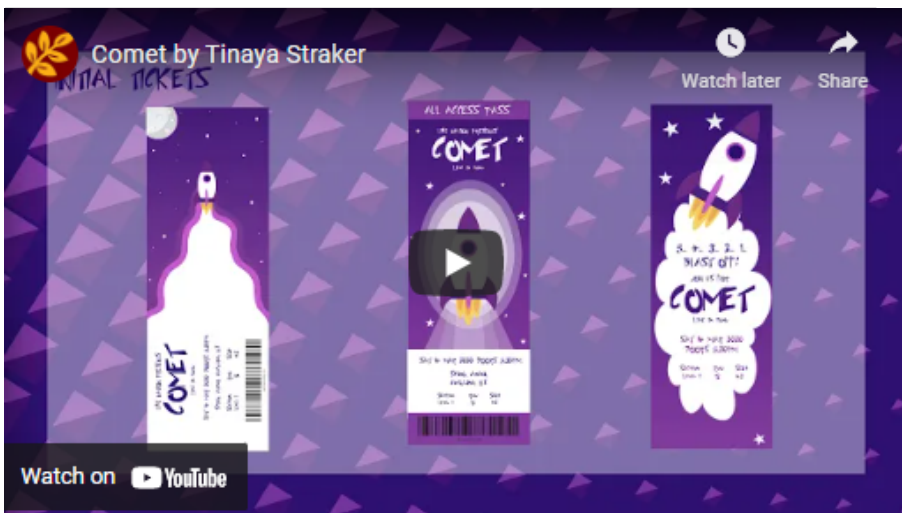
entary to Level 3 DVC, and other Level 3 Art courses (Photography, Motion Special Effects, Printmaking and Painting).



The context for the work you will design and make in Year 13 Art Design is to choose an exciting new music brand idea for the fast and varied music industry. Students will choose to establish a unique new music artist within the genre of their choice (Hip Hop, RnB, Dance, Chill Out, Classical, Indie Pop, Blues, Jazz, Reggae, Heavy Metal etc). Throughout the year students will extend their knowledge and skills in Design and Moving Image to create original design work to promote their music artists and to establish them in the music industry.

You will learn how to develop design identity and marketing material, digital design concepts and music videos through using the Adobe Creative Suite, as well extend your knowledge of motion graphics and green screen studio technology. Your best work is put together to make a final digital folio including a moving image submission to be assessed, showcasing your abilities and ideas for the ever changing future world and music industry.

What knowledge will I develop? Students will learn how to generate and develop independent creativity, building lateral and in-depth thinking skills, which are transferable to other disciplines across the arts and other subject disciplines. Students will learn how to develop music company branding and identity, making interactive design such as posters, interactive music branding and a promotional music video sequence using Adobe video editing software such as Premier Pro, After Effects and Photoshop. You will also learn a wide range of graphic animation and film making techniques for advertising, aided by the study of practical and theory sessions with the genre of music videos and interactive design (augmented and virtual reality and info graphics).



Course Overview

Term 1

Initial Intro Tasks based on Music Video Genre

Research, Initial Tasks based on Music Video Analysis, Music Association tasks, Audio Quizzes, Sharing of best practice of Music Videos, Music Video Timeline analysis, Student/Group sharing, critique tasks. Intro to Music Branding, Merchandising, Promotional material. Choosing Music genre for year study, Developing Analysis skills for chosen genre, Digital Folio Structure and initial Branding tasks.

Term 2

DPS /Mag Front Cover Design

(Company promo/moving image worked on at same time)

Looking at After Effects Motion Graphics, 3D Tracking, Green Screen Layering etc

Term 3

Begin working on 4 other Design Briefs (4 more, ie Apps, Merchandise, Website, E-Tickets, Posters, Mag Cover, Vinyl Album Cover).

Looking at After Effects techniques, Premiere Pro for formatting digital folio.

Term 4

FINAL EDITING OF MOVING IMAGE and digital folio

Formatting Final Digital Folio and handing in the external assessment.

Learning Areas:

[Arts, Arts - Visual Arts](#)

Contributions and Equipment/Stationery

It is an advantage and preferable for students to have their own device with capacity to run the Adobe Creative Suite needed to complete the course. However, desk top computers are available for student use in- and out-of-class time at school.

Assessment Information

Assessment in this course is portfolio based. Work will be produced in sequences throughout each term which will be assessed for three internals. An interactive digital submission is the final outcome and comprises the external portfolio assessment.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91445 v2 Design 3.2 - Use drawing to demonstrate understanding of conventions appropriate to design Creative Industries: 4	3	I	4		*	
A.S. 91450 v2 Design 3.3 - Systematically clarify ideas using drawing informed by established design practice Creative Industries: 4	3	I	4		*	
A.S. 91455 v2 Design 3.4 - Produce a systematic body of work that integrates conventions and regenerates ideas within design practice Creative Industries: 14	3	E	14		*	
A.S. 91460 v2 Visual Arts 3.5 - Produce a resolved work that demonstrates purposeful control of skills appropriate to a visual arts cultural context Creative Industries: 4	3	I	4		*	
Total Credits			26	0	0	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 26

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 26 credits.

Externally Assessed Credits: 14 credits.

Internally Assessed Credits: 12 credits.

NCEA Level 3 Motion Special Effects

3AMFX



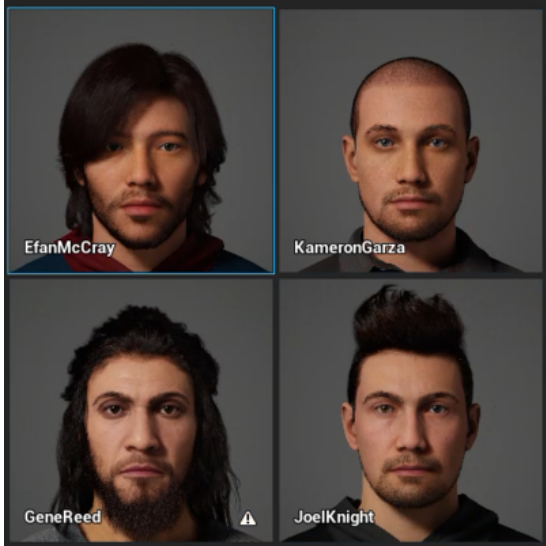
Course Description

Head of Faculty - Kaihautuu: Vicky Moore-Allen

Recommended Prior Learning

Level 2 Motion Special Effects is the ideal foundation for this course.

Alternatively students with a background in senior visual arts, design, or some of our DVC and Technology courses will provide a foundational skill set. Students with skills and a strong interest in story-telling formats, without any prior visual arts study or high level skills should discuss their suitability for this course with course leader, Mr Pressnell.





This course follows on from Level 2MF. It will develop sophisticated skills and advanced knowledge in the field of Motion Special Effects and is an ideal foundation for students interested any creative field such as the Movie Industry, Digital Special Effects, Storytelling, Creative World building, Game Design, Animation, Virtual Reality, Interactive Moving Image, MetaHumans, Gaming and Film editing using up to date industry standard software such as Adobe Creative Cloud, Unreal Engine, Blender. The course is a perfect pathway for moving onto study creative tertiary pathways both in Wellington (Massey University) and in Auckland (AUT and Media Design School). Through further trips to Weta Workshop, Spookers and experience through working industry artists and filmmakers , students will gain a practical understanding of the possibilities of Special Effects for both film and gaming industries

Students should have an eagerness to develop skills in moving image, animation, interactive and creative outcomes using industry standard digital applications (such as motion capture, green screen technology and virtual reality), some traditional animation techniques, conceptual design for moving image and gaming, editing and special effects, imaginative story telling. You will see your work realised in a real- world, spatial context.

What knowledge will I develop? Students will develop knowledge of the Digital Special Effects genre, incorporating a practical and theoretical understanding of how films are created traditionally, and how developed technology has advanced with use of green screen technology, motion capture, virtual reality in the areas of film and gaming.

Students will develop their knowledge and understanding of visual storytelling, writing, editing and broadening their practical knowledge of the latest special effects techniques within contemporary moving image culture. Students will enhance their experience by visiting working film/animation studios and receiving guidance from studio based professional practitioners visiting school.

What knowledge will I develop?

Students will develop knowledge of the moving image genre, incorporating a practical and theoretical understanding of how films are created traditionally, and how developed technology has advanced with use of green screen technology, motion capture, virtual reality in the areas of film and gaming. Students will develop their knowledge and understanding of storytelling, writing, editing and broadening their practical knowledge of the latest special effects techniques within contemporary moving image culture. Students will enhance their experience by visiting working film/animation studios and receiving guidance from studio based professional practitioners visiting school.

<https://youtu.be/Q26TWn-etPo>

Learning Areas:
[Arts](#), [Arts - Visual Arts](#)

Contributions and Equipment/Stationery
 It is preferable that students have their own device to run the Adobe Creative Suite and specialist animation software such as Blender.

Assessment Information
 This is folio based assessment with one digital folio based external and three internals. Students will develop their portfolio of work for assessment throughout the year, both in class and extending into homework time.

Credit Information
 This course is eligible for subject endorsement.
 This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
Total Credits			26	0	0	0

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91449 v2 Sculpture 3.2 - Use drawing to demonstrate understanding of conventions appropriate to sculpture Creative Industries: 4	3	I	4		*	
A.S. 91454 v2 Sculpture 3.3 - Systematically clarify ideas using drawing informed by established sculpture practice Creative Industries: 4	3	I	4		*	
A.S. 91459 v2 Sculpture 3.4 - Produce a systematic body of work that integrates conventions and regenerates ideas within sculpture practice Creative Industries: 14	3	E	14		*	
A.S. 91460 v2 Visual Arts 3.5 - Produce a resolved work that demonstrates purposeful control of skills appropriate to a visual arts cultural context Creative Industries: 4	3	I	4		*	
Total Credits			26	0	0	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: **26**

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 26 credits.

Externally Assessed Credits: 14 credits.

Internally Assessed Credits: 12 credits.

Related Videos

<https://www.youtube.com/watch?v=Q26TWn-etPo>

NCEA Level 3 Painting

3APAI



Course Description

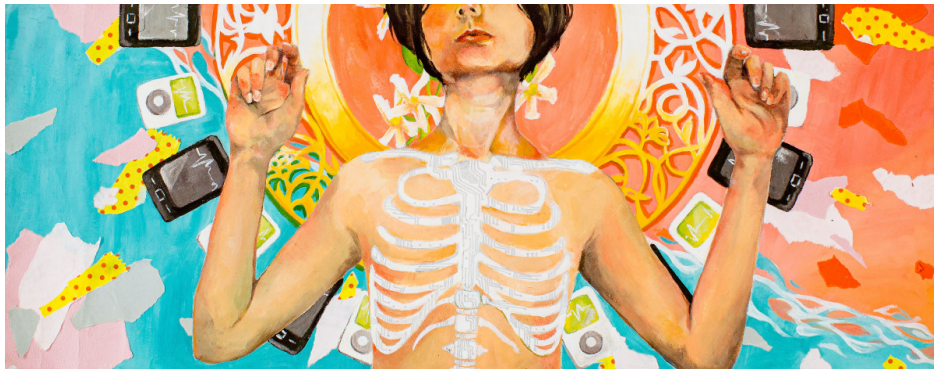
Head of Faculty - Kaihautuu: Vicky Moore-Allen

Recommended Prior Learning

Ideally suited to students who have taken Level 2 Art Practical. Students who have experienced success in other Level 2 visual art courses may also inquire (Photography, Motion Special Effects, Design), as well as students who achieved well in Level 1 Art. Students who have not yet studied art to senior level may have developed art skills via other means, that could provide an adequate foundation for entry into this course. Please see Mrs Moore-Allen to discuss and inquire.

This course will extend your art-making skills and the way in which you see and respond to the world. Students are encouraged to honour and express their own culture as they develop their work, and to explore the cultural perspectives and experiences of others.

This course is ideal for senior students currently studying art who are interested in further developing their creativity, painting and thinking skills. **This course focuses on drawing, painting, and related areas of contemporary art practice.** Students who have not yet studied art at senior level may have developed skills via other means, that could provide an adequate foundation for entry into this course. Please see the HOD Art to discuss and inquire about entry.



This course specialises in painting. Students will explore and extend their skills in a variety of painting media, including water colour, mixed media, gouache, open acrylics, oil paints, spray paints, paint pens, dyes, high flow acrylics. Digital painting and other approaches to contemporary art making, aligned with established practice can also be a focus.

There are many exciting ideas, processes, materials and techniques that open up to be explored at this level of specialisation. Students who already have strong skills in a particular painting media will have the opportunity to extend those skills into other media if they want to. Level 3 Painting will support all students to take risks, extend and learn new skills, sharing knowledge together.

This is an active class of making work. There is no set theme of study in Year 13 Painting. Each student will personally select an idea to explore and outwork in sequences of drawing and paintings. You will refine techniques and ideas over the course of the year. You will learn how to research your idea, deepen and expand your thinking and personal expression as you are guided through each phase of learning. Students will extend themselves as artists by developing a strong art journal practice. Your learning and achievement is advanced by learning about visual ideas and artists' work from the past and present, and also by engaging in teacher and peer critique. Students will learn to support others in the class to develop and extend their ideas.



This course enables ākonga (students) to evolve their individual approach to art-making in a way that supports and empowers personal creative expression. You will make drawing and painting sequences that generate, analyse, clarify and regenerate ideas. You will study artists' works in order to extend ideas and produce new work using conventions appropriate to painting. The course structure is designed to promote independent work habits and develop knowledge and skills appropriate to your own personal painting style, theme and interests.

Visual Art equips ākonga with transferable skills that can be used in a wide range of tertiary courses and careers, whilst studying a subject that inspires and excites. This course will develop skills such as: communication, critical and creative thinking, problem-solving, the ability to research and analyse, adaptability, dexterity, patience, attention to detail, independence, and innovation.

The course is divided into two interrelated areas:

- Developing a variety of painting processes related to a range of artist models; extending drawing and painting techniques and compositions via independent practical investigation. Students will document the development of their art-making in processes in a visual art journal.
- Through research, planning, developing theme, defining a personal proposal that is outworked in sequences of ideas, to create a sequential body of work. The development of each student's individual ideas and painting skills comprises the evidence for internal assessment and an 3-panel, externally assessed folio board submission.



Completion and achievement in this course requires ongoing participation. It is an excellent preparation for tertiary level study in any field, as the depth of thinking that is possible (and in fact required for Excellence grades), and the self-management it develops are high level. Participation in this course will reward you with the joy, satisfaction, fulfillment and sense of pride that comes from making art work that is personally meaningful to you.

Students who intend to apply for tertiary level study in creative fields, such as Fine Arts, Design, Architecture, Fashion, Theatre or media fields, will have a strong portfolio of work and evidence to support your application. You will also have learned how to work and think at a level that prepares you well for tertiary study. Students will have the option of entering Scholarship Painting also.

Students can also participate in art-making outside the classroom by exhibiting work and entering competitions and may even work with established New Zealand artists in workshops in or out of class. The Franklin Arts Festival and Auckland Zine festival are examples of this. This could be aligned with or separate from course work. Ākonga will visit art galleries or museums and use this experience to develop ideas for their own artworks.

We can't wait to welcome you into this course and support your learning journey!



Course Overview

Term 1

Developing a Personal Art Journal

Drawing Media & Processes:
- extending skills using a wide range of media and techniques; extending observational drawing skills; participating in experimental approaches to drawing.
Extending Painting Media skills & processes:
- explore new ways of working with painting media - try new media - experiment - explore - refine - apply to make own works.
Selecting and resourcing a personal theme and investigation: extended brainstorming; research; find and make visual resources from which to draw and make art works.
Trip to Auckland Art Gallery
Developing sequences of drawings and paintings for AS 3.2, and to introduce your theme on your folio.

Term 2

Clarify and extend your personal theme thinking.
Make three sequences of work in drawing / painting for your theme.
Look closely at the work of artists. Make artist model study pages in your art journal. Apply techniques and ideas from artists' works to make your own original work.
Complete sequences of work for AS 3.2. Complete folio board 1.
Clarify and extend ideas for the top of Board 3.
Make a folio plan for AS 3.4.

Term 3

- Regenerate and refine your personal investigation into your theme and ideas
- Refine your painting by extending skills and techniques
- Introduction to innovations in contemporary art practice such as installation, digital projection, 3D work. Make new sequences of work.
- Aim to complete most works on the folio board.
- Franklin Arts Festival entries due.

Term 4

Completion of folio for external assessment in Week 4.

Learning Areas:
[Arts](#), [Arts - Visual Arts](#)

Contributions and Equipment/Stationery

Students are encouraged and advised to purchase a personal range of art materials such as drawing pencils, erasers, quality brushes, an art journal with wet-strength paper, and selected paints. Advice on where these can be purchased at the best prices will be provided at the start of the year.

Assessment Information

Assessment in this subject is portfolio-based. Students work holistically on internals and external assessments over the course of the year using an inquiry model of research/ planning/ making, testing, experimenting/ outcomes/ evaluation and analysis/ leading to new work. 3.5 is an optional standard that can link to exhibition or competition opportunities. Students will have the option of entering Scholarship Painting.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91446 v2 Painting 3.2 - Use drawing to demonstrate understanding of conventions appropriate to painting Creative Industries: 4	3	I	4		*	
A.S. 91451 v2 Painting 3.3 - Systematically clarify ideas using drawing informed by established painting practice Creative Industries: 4	3	I	4		*	
A.S. 91456 v2 Painting 3.4 - Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice Creative Industries: 14	3	E	14		*	
Total Credits			22	0	0	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: **22**

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 22 credits.

Externally Assessed Credits: 14 credits.

Internally Assessed Credits: 8 credits.

NCEA Level 3 Photography

3APHO



Course Description

Head of Faculty - Kaihautuu: Vicky Moore-Allen

Recommended Prior Learning

Year 12 APHO provides an important foundation for this course. Students with strong achievement in other Level 2 visual arts subjects are also eligible. Other students should gain approval from HOD Art. All students must be willing to be **actively** engaged in all learning activities. This will require in-class and after school involvement.



This course builds on the technical and conceptual skills developed in level 2 Photography.

Students are expected to create outstanding images to an industry standard and develop the aesthetic, technical, conceptual skills needed to create a professional practice. Students will be guided and supported throughout the course to be able to accomplish this.

They will further appreciate the technical and conceptual complexity that characterizes photography while enhancing their ability to discuss their work and the work of others.

Students will work towards a portfolio/digital portfolio of original photographic/moving image work. They will gain further understanding of methods and ideas that form contemporary photography practice and develop critical and creative thinking skills.

Course Overview

Term 1

Assessment and Folio Review
-internals, extensions, credits, standards
-moving image portfolio versus stills portfolio review
-board and digital film layout
-internals review
Clear Path promoting self directed learning explained.
Review of conventions / DSLR technical workshops
Adobe Review
Introduction to weekly lesson format
The Crit
The Artist
The Concept
The Reflect

Term 2

The Crit
Review and deeper understanding of the art of analysis
Class analysis of peer work
Art Gallery Field Trips
The Artist
Lessons dedicated to the viewing of different photographers local and international, present and past. Introduction to cinema genres, cinema viewings and review.
The Concept
Introduction to Threshold concepts.
Teacher led discussion on ideas and theory of photography.
The Reflect
Self directed time edit and review work.
Structure rotated weekly throughout the term

Introduction to internal 3.2 Conventions

Term 3

The Crit
Review and deeper understanding of the art of analysis
Class analysis of peer work
Art Gallery Field Trips
The Artist
Lessons dedicated to the viewing of different photographers local and international, present and past. Introduction to cinema genres, cinema viewings and review.
The Concept
Introduction to Threshold concepts.
Teacher led discussion on ideas and theory of photography.
The Reflect
Self directed time to edit and review work.
Self directed photographic pass.
Structure rotated weekly throughout term.

Introduction to 3.3 Development of Ideas

Term 4

Printing and mounting of finished boards

Learning Areas:

[Arts](#), [Arts - Visual Arts](#)

Contributions and Equipment/Stationery

none

Assessment Information

Assessment in this course is portfolio-based. Students will develop their work throughout each term as they participate in learning activities and assignments. Students will be offered 3 compulsory internals worth 12 credits in total, and an external 12 credit portfolio submission.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91447 v2 Photography 3.2 - Use drawing to demonstrate understanding of conventions appropriate to photography Creative Industries: 4	3	I	4		*	
A.S. 91452 v2 Photography 3.3 - Systematically clarify ideas using drawing informed by established photography practice Creative Industries: 4	3	I	4		*	
A.S. 91457 v2 Photography 3.4 - Produce a systematic body of work that integrates conventions and regenerates ideas within photography practice Creative Industries: 14	3	E	14		*	
A.S. 91460 v2 Visual Arts 3.5 - Produce a resolved work that demonstrates purposeful control of skills appropriate to a visual arts cultural context Creative Industries: 4	3	I	4		*	
Total Credits			26	0	0	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 26

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 26 credits.

Externally Assessed Credits: 14 credits.

Internally Assessed Credits: 12 credits.

NCEA Level 3 Printmaking

3APRN



Course Description

Head of Faculty - Kaihautuu: Vicky Moore-Allen

Recommended Prior Learning

It is preferable for students to have studied Year 12 Visual Art. Success in other senior visual arts courses will also be valuable.

Students new to art, wishing to take Level 3 Printmaking should gain approval from HOD Art or from Miss Hansen. Hard-working students have gained success in L3 Printmaking without prior experience in Art, but you need to commit to working hard and building skills quickly.



This course is aimed at current senior art students, and new art ākonga (students) with some personal art skills, as well as students who wish to develop their creativity without much prior experience in art making. This means that Print class will support all students to take risks and learn new skills. Ākonga will share knowledge so their capabilities are really expanded. Year 13 Printmaking is an active class of making works using hand-made print techniques like woodcut and dry-point etching, as well as creating digital prints in Photoshop.



The level of challenge will grow as ākonga refine techniques and ideas over the course of the year. Student learning and achievement is advanced by teacher and peer critique, and by referencing visual ideas from art history and contemporary art in their work. Students will support others in the class to develop and extend their ideas. Ākonga will develop skills in group critique.



In Level 3 Printmaking ākonga will participate in real world learning by exhibiting and entering competitions outside of their course work, and may even work with established New Zealand print makers in workshops or in exhibitions. The Forest has the Blues Project in 2018 and 2019 and the Auckland Zine festival at the Auckland city gallery in 2021 are examples of this. Ākonga will visit art galleries or museums and use this experience to develop ideas for their own artworks.



This course enables senior art ākonga (students) to evolve their individual art-making style in a way that supports and empowers personal creative expression. Drawing is used to generate, analyse, clarify and regenerate ideas. Using a study of artists' works, ākonga will be able to extend ideas and produce new work using conventions appropriate to the printmaking media being used.



Visual Art equips ākonga with transferable skills that can be used in a wide range of tertiary courses and careers, whilst studying a subject that inspires and excites. This course will develop skills such as: communication, critical and creative thinking, problem-solving, the ability to research and analyse, adaptability, dexterity, patience, attention to detail, independence, and innovation.

The course structure is designed to promote independent work habits and develop knowledge and skills chosen by our ākonga. This course is divided into two interrelated areas:

- Developing a variety of print processes related to a range of artist models; extending drawing and printmaking techniques and compositions via independent practical investigation. Students will document the art-making processes undertaken.
- Through research and planning: developing theme, defining a personal proposal that is outworked in sequences of ideas, to create a sequential body of work. The development of each student's individual ideas and printmaking skills comprise the evidence for internal assessment and the external folio board submission.





Course Overview

Term 1

3.5 group project for exhibition or theme development and drawing/ experimental printmaking.
3.2 and 3.3 development of sequences of prints.

Term 2

3.2, 3.3 and 3.4 development of sequences of prints.
Complete work for board 1 and 2
Theme development, using established practice.
Scholarship students would begin here on their workbook

Term 3

3.4 development of sequences of prints on board 2 and 3.

Term 4

3.4 development of sequences of prints on board 2 and 3. Hand in folio. Complete scholarship submission.

Learning Areas:

[Arts](#), [Arts - Visual Arts](#)

Contributions and Equipment/Stationery

Students will be encouraged to purchase their own personal drawing materials and art journal, and essential print tools. Materials can be supplied. Information on how to purchase will be given at the start of the year.

Assessment Information

Assessment in this subject is portfolio-based. Students work holistically on internals and external assessments over the course of the year using an inquiry model of research/ planning/ making, testing, experimenting/ outcomes/ evaluation and analysis/ leading to new work. 3.5 is an optional standard dependent on real world exhibition opportunities.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91448 v2 Printmaking 3.2 - Use drawing to demonstrate understanding of conventions appropriate to printmaking Creative Industries: 4	3	I	4		*	
A.S. 91453 v2 Printmaking 3.3 - Systematically clarify ideas using drawing informed by established printmaking practice Creative Industries: 4	3	I	4		*	
A.S. 91458 v2 Printmaking 3.4 - Produce a systematic body of work that integrates conventions and regenerates ideas within printmaking practice Creative Industries: 14	3	E	14		*	
A.S. 91460 v2 Visual Arts 3.5 - Produce a resolved work that demonstrates purposeful control of skills appropriate to a visual arts cultural context Creative Industries: 4	3	I	4		*	
Total Credits			26	0	0	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: **26**

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 26 credits.

Externally Assessed Credits: 14 credits.

Internally Assessed Credits: 12 credits.



NCEA Level 1 Future Pathways

1GFPS



Course Description

Head of Faculty - Kaihautuu: Katherine Stewart

Recommended Prior Learning

School holiday, casual or part-time employment is helpful, but not necessary.

Future Pathways is a practical work experience programme designed to introduce Year 11 students to the world of work developing vital work force based skills and attributes needed by employers in real work situations. In addition to classroom learning, students complete a maximum of 10 weeks' work experience together with projects their teacher and employer will assess on-the-job.

From 'how to get a job', creating an outstanding curriculum vitae (CV) and negotiating a workplace agreement with a real employer, students can increase self-confidence that gives them the edge in the real world of work. Students learn how to, find a job, how to adapt and thrive in a new job, workplace health and safety skills, understand the duties of an employee, and their rights and responsibilities at work. They also complete a Workplace First Aid certificate, qualifying them for two years as workplace first responders. The routine of a Future Pathways student forces them to quickly learn how to manage their school studies around work experience commitments, to be communicative, organised and prepared.



Course Overview

Term 1

Unit Standard 4249 – Describe obligations of an employee
Prepare for work experience by "Gotta Get Me A Job"

Term 2

Unit Standard 10780 – Complete a work experience placement
Unit Standard 543 – Work in a new workplace
Unit Standard 504 – Produce a Curriculum Vitae

Term 3

Unit Standard 10780 – Complete a work experience placement - reflection and evaluation of 10 work experience block
US496 - Produce, implement, and reflect on a plan to improve own personal wellbeing
Unit Standards 6400, 6401 and 6402 – Workplace First Aid Certificate
Additional GATEWAY short courses, or other appropriate optional unit standards, such as 102 (3 credits) or 24871 (2 credits)

Term 4

Completion of any outstanding work; and preparation for NCEA Level 2 Future Pathways

Learning Areas:

[Career Development Services](#)

Pathway

[NCEA Level 2 Future Pathways](#)

Students will have the opportunity to explore and discover vocational pathways of interest and to start building skills that will be advantageous in the work force.

Students must be willing to commit to the 10 weeks of contracted work with an employer of their choice. This is a mandatory aspect connected to the completion of the course work in this programme.

Please note this is not a university approved course.

It is NOT recommended for students who may wish to attend university upon completion of Year 13. It also requires a satisfactory level of literacy competency to meet the written work requirements for each standard.

Contributions and Equipment/Stationery

BYOD is required, as 1GFPS is delivered as a blended course.
The Workplace First Aid certificate course is STAR funded with no financial obligation placed on students and their families/whaanau.
Course Overview.

Assessment Information

Future Pathways students enjoy studies which are conducted in the classroom, with training providers and with their employer. The course has 21 credits available, is completely internally assessed. Students have generous opportunities to acquire the learning and credits needed to progress into meaningful education, training and development or employment beyond high school. In Year 12 they can choose another GATEWAY work experience OR select Trades Academy.

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 496 v10 Produce, implement, and reflect on a plan to improve own personal wellbeing Social & Community Services: 3	1	I	3			
U.S. 504 v8 Produce a CV (curriculum vitae)	1	I	2			
U.S. 543 v8 Work in a new workplace	1	I	3			
U.S. 4249 v8 Describe obligations as an employee Construction & Infrastructure: 3	1	I	3			
U.S. 6400 v6 Manage first aid in an emergency situation	3	I	2			
U.S. 6401 v6 Provide first aid Primary Industries: 1 Services Industries: 1 Social & Community Services: 1	2	I	1			
U.S. 6402 v8 Provide basic life support Primary Industries: 1 Services Industries: 1 Social & Community Services: 1	1	I	1			
U.S. 10780 v5 Complete a work experience placement	2	I	3			
Total Credits			18	0	0	0

Total Credits Available: 18 credits.
Internally Assessed Credits: 18 credits.

NCEA Level 2 Future Pathways

2GFPS



Course Description

Head of Faculty - Kaihautuu: Katherine Stewart

Recommended Prior Learning

School holiday, casual or part-time employment is helpful, but not necessary.

Future Pathways offers a practical work experience OR a suitable Trades Academy programme which will further extend your real world work exploration, consolidating learning from 1GFPS and preparing you for 3GFPS. As a work experience student, you are contracted to the course and to an employer through Gateway. In addition to classroom learning, you will complete a minimum of 10 weeks work experience, completing written assignments your teacher and employer will assess on-the-job. Alternatively, if you elect to be a Trades Academy student, you are also contracted to the course and to your tertiary provider. In addition to classroom learning and assessment, you will complete a maximum of 33 weeks trade training. This provides an opportunity to acquire a further 20-35 credits at NCEA Level 2.

Practical real world based learning best describes the knowledge learning for a Future Pathways student. From planning your future pathway beyond high school and negotiating a workplace agreement with a real employer, you build self-confidence that can give you the edge in the work place. You learn to understand workplace needs for personal presentation, how to work with customers, take the time needed to explore your potential pathways beyond school, and understand your rights and responsibilities at work. Your employer or Trades Academy tutor trains and assesses your practical studies in this programme. You also complete a Workplace First Aid certificate, qualifying you for two years as a workplace first responder. The routine of a Future Pathways student forces you to quickly learn how to manage your school studies with extensive practical learning commitments, to be communicative, organised and thoroughly prepared.



Course Overview

Term 1

Prepare for work experience by "Gotta Get Me A Job"

Unit Standard 62 – Maintain personal presentation and a positive attitude in a workplace involving customer contact (3 credits)

Term 2

Commence a 20 week practical learning block through Unit Standard 12382 – Describe the significance of one's work with an employing organisation

Progress a 20 week practical learning block through Unit Standard 12382 – Describe the significance of one's work with an employing organisation

Unit Standard 12383 – Explore career options and their implications (3 credits)

Unit Standard 10781 – Produce a plan for own future directions (3 credits)

Term 3

Reflection and evaluation of a 20 week practical learning block through Unit Standard 12382 – Describe the significance of one's work with an employing organisation (2 credits)

Unit Standards 6400, 6401 and 6402 – Workplace First Aid Certificate (4 credits)

Unit Standard 1979 – Describe employment agreements (3 credits)

Additional GATEWAY short courses (11 credits), or other appropriate optional unit standards, such as 24871 (2 credits)

Term 4

Completion of any outstanding work and preparation for NCEA Level 3 Future Pathways

Learning Areas:

[Career Development Services](#)

Contributions and Equipment/Stationery

BYOD is required, as 2GFPS is delivered as a blended course.

The Workplace First Aid certificate course is STAR funded with no financial obligation placed on students and their families/whaanau.

Assessment Information

Future Pathways students enjoy on-job and off-job assessment through studies conducted in the classroom, tertiary trade training providers and/or with their employer. The course is 18 credits, is completely internally assessed with ample chances to attain additional credit. Students have generous opportunities to acquire the learning and credits needed to progress into meaningful education, training and development or employment beyond high school, or move on to the next step of GATEWAY work experience or trades academy at NCEA Level 3.

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 62 v10 Maintain personal presentation and a positive attitude in a workplace involving customer contact Primary Industries: 3 Services Industries: 3	2	I	3			
U.S. 1979 v10 Describe employment agreements	2	I	3			
U.S. 6400 v6 Manage first aid in an emergency situation	3	I	2			
U.S. 6401 v6 Provide first aid Primary Industries: 1 Services Industries: 1 Social & Community Services: 1	2	I	1			
U.S. 6402 v8 Provide basic life support Primary Industries: 1 Services Industries: 1 Social & Community Services: 1	1	I	1			
U.S. 10781 v6 Produce a plan for own future directions	2	I	3			
U.S. 12382 v5 Describe the significance of one's work within an employing organisation	2	I	2			
U.S. 12383 v8 Explore career options and their implications	2	I	3			
Total Credits			18	0	0	0

Total Credits Available: 18 credits.
Internally Assessed Credits: 18 credits.

NCEA Level 3 Future Pathways

3GFPS



Course Description

Head of Faculty - Kaihautuu: Katherine Stewart

Recommended Prior Learning

School holiday, casual or part-time employment is helpful, but not necessary.

Future Pathways is a practical work experience and trades academy programme designed to extend you by immersion in the real world of work, based on the Level 1 and Level 2 courses. As a work experience student, you are contracted to the course and to an employer through Gateway. In addition to classroom learning, you complete a minimum work experience of 10 weeks together with projects your industry training provider or employer will assess on-the-job. If you choose to be a Trades Academy student, you are also contracted to the course and to your tertiary provider which is MITTA. In addition to classroom learning, you must complete a maximum of 33 weeks trade training with the added benefit of acquiring a further 29-45 credits at NCEA Level 3.

From 'how to get a job' to negotiating a workplace agreement with a real employer to working with industry professionals, you will have developed self-confidence that gives you a real awareness of what employers want and need from you as a future member of the workforce. Your industry training provider and employer or trade tutor trains and assesses your practical studies programme. You also complete a Workplace First Aid certificate, qualifying you for two years as a workplace first responder. At Level 3, you are expected to manage your school studies with extensive practical learning commitments, to be communicative, organised and absolutely prepared.



Course Overview

Term 1
Prepare for work experience by "Gotta Get Me A Job"
Commence a minimum 10 week practical learning block through Unit Standard 12382 – Describe the significance of one's work with an employing organisation

Term 2
Progress a 20 week practical learning block through Unit Standard 12382 – Describe the significance of one's work with an employing organisation

Term 3
Reflection and evaluation for Unit Standard 12382 – Describe the significance of one's work with an employing organisation (2 credits)
Unit Standards 6400, 6401 and 6402 – Workplace First Aid Certificate (4 credits)
Additional GATEWAY short courses, or other appropriate optional unit standards

Term 4
Completion of any outstanding work and preparation for tertiary education, or training.

Learning Areas:

[Career Development Services](#)

Contributions and Equipment/Stationery

BYOD is required, as 3GFPS is delivered as a blended course.
The Workplace First Aid certificate course is STAR funded with no financial obligation placed on students and their families/whaanau.
Transport and PPE are provided for Trades Academy students as are PPE requirements for GATEWAY students, once releasing any financial burden on families/whaanau.

Assessment Information

Future Pathways students enjoy on-job and off-job assessment through studies conducted in the classroom, tertiary trade training providers and/or with their employer. The course is completely internally assessed with ample chances to attain additional credit. Students have generous opportunities to acquire the learning and credits needed to progress into meaningful education, training and development or employment beyond high school.

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 6400 v6 Manage first aid in an emergency situation	3	I	2			
U.S. 6401 v6 Provide first aid Primary Industries: 1 Services Industries: 1 Social & Community Services: 1	2	I	1			
U.S. 6402 v8 Provide basic life support Primary Industries: 1 Services Industries: 1 Social & Community Services: 1	1	I	1			
U.S. 12382 v5 Describe the significance of one's work within an employing organisation	2	I	2			
Total Credits			6	0	0	0

Total Credits Available: 6 credits.
Internally Assessed Credits: 6 credits.



NCEA Level 1 English

1EENG



Course Description

Head of Faculty - Kaihautuu:

We draw on our knowledge of how language works to interpret and produce text in English. Being able to use the English language with control can strengthen your identity and enable you to effectively participate in society.

Course Overview

Term 1

Studying written and visual texts

Term 2

Creating visual and written texts

Term 3

Studying written and visual texts.

Creating written and oral texts

Term 4

Respond to written texts

Respond to unfamiliar texts

Learning Areas:

[English](#)

Pathway

[NCEA Level 2 English](#)

Assessment Information

We use Achievement Standards for assessment. The course includes External and Internal assessments.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90052 v5 English 1.4 - Produce creative writing Construction & Infrastructure: 3 Manufacturing & Technology: 3 Primary Industries: 3 Services Industries: 3 Social & Community Services: 3 Creative Industries: 3	1	I	3	Y		
A.S. 90053 v5 English 1.5 - Produce formal writing Construction & Infrastructure: 3 Manufacturing & Technology: 3 Primary Industries: 3 Services Industries: 3 Social & Community Services: 3 Creative Industries: 3	1	I	3	Y		
A.S. 90849 v3 English 1.1 - Show understanding of specified aspect(s) of studied written text(s), using supporting evidence Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	1	E	4	Y		
A.S. 90851 v2 English 1.3 - Show understanding of significant aspects of unfamiliar written text(s) through close reading, using supporting evidence Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	1	E	4	Y		
A.S. 90852 v2 English 1.8 - Explain significant connection(s) across texts, using supporting evidence Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	1	I	4	Y		
A.S. 90855 v3 English 1.7 - Create a visual text Construction & Infrastructure: 3 Manufacturing & Technology: 3 Primary Industries: 3 Services Industries: 3 Social & Community Services: 3 Creative Industries: 3	1	I	3	Y		
Total Credits			21	21	0	0

Total Credits Available: 21 credits.

Externally Assessed Credits: 8 credits.

Internally Assessed Credits: 13 credits.

NCEA Level 1 English for Speakers of Other Languages

1EESL



Course Description

Head of Faculty - Kaihautuu: Shalini Saxena

Recommended Prior Learning

There is no recommended prior learning. Assessments are differentiated so that students can be assessed at their current level of English language proficiency. However, only students who do not have English as their first language are eligible for English Language Unit Standards.

This is an English language course for students who speak English as an additional language. It covers reading, writing, listening and speaking. The aim is to improve English language skills for everyday life and to develop academic language skills to support achievement in other learning areas.

Learning Areas:

[English](#), [ESOL](#)

Contributions and Equipment/Stationery

There is no additional cost associated with this course. Students are encouraged to use their digital devices (laptop or tablet) or exercise book and clearfile folder.

Assessment Information

Students can be assessed at either level 1 or 2 for most skill areas depending on their current level of English language proficiency. Suitable assessments will be chosen from the list below. The English Language Unit Standards do not count for Level 1 literacy but, if required, the ESOL department can co-ordinate the collection of evidence for Literacy Unit Standards when the student is ready to achieve these.

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 27996 v3 Write simple texts on everyday topics (EL)	1	I	5			
U.S. 27998 v3 Complete simple forms with personal information (EL)	1	I	5			
U.S. 27999 v3 Write a simple connected text on a familiar topic (EL)	2	I	5			
U.S. 30980 v1 Demonstrate understanding of a straightforward spoken text on a familiar topic (EL) Construction & Infrastructure: 5	2	I	5			
U.S. 30994 v1 Read and understand simple texts in everyday contexts (EL) Construction & Infrastructure: 5	1	I	5			
U.S. 30995 v1 Read and understand a straightforward text on a familiar topic (EL) Construction & Infrastructure: 5	2	I	5			
U.S. 31005 v1 Read and understand a range of simple written texts independently (EL) Construction & Infrastructure: 5	1	I	5			
U.S. 31020 v1 Participate in an interview on a familiar topic (EL) Construction & Infrastructure: 5	2	I	5			
Total Credits			40	0	0	0

Total Credits Available: 40 credits.

Internally Assessed Credits: 40 credits.

NCEA Level 2 English

2EENG



Course Description

Head of Faculty - Kaihautuu: Shalini Saxena

At Curriculum Level 7 students will analyse and interpret, and acknowledge their own perspectives through their responses to various texts. They will show a discriminating understanding of why and how the audience is being positioned, and why and how the text relates to other texts and contexts. They will make conclusions by drawing from their knowledge of ideas, purpose, language features, and structure.

Course Overview

Term 1

Close viewing and reading
Response to unfamiliar texts

Term 2

Use information literacy skills
Present developed ideas in writing

Term 3

Respond to written texts
Present developed ideas in writing

Learning Areas:

[English](#)

Pathway

[NCEA Level 3 English](#)

Assessment Information

The course is assessed through Internal and External Achievement Standards.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91098 v3 English 2.1 - Analyse specified aspect(s) of studied written text(s), supported by evidence Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Social & Community Services: 4	2	E	4	Y	4r,4w	
A.S. 91100 v2 English 2.3 - Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Social & Community Services: 4	2	E	4	Y	4r,4w	
A.S. 91101 v2 English 2.4 - Produce a selection of crafted and controlled writing Construction & Infrastructure: 6 Manufacturing & Technology: 6 Primary Industries: 6 Services Industries: 6 Social & Community Services: 6 Creative Industries: 6	2	I	6	Y	6w	
A.S. 91105 v2 English 2.8 - Use information literacy skills to form developed conclusion(s) Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Social & Community Services: 4	2	I	4	Y	4r	
A.S. 91107 v2 English 2.10 - Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence Creative Industries: 3	2	I	3	Y		
Total Credits			21	21	18	0

Total Credits Available: 21 credits.

Externally Assessed Credits: 8 credits.

Internally Assessed Credits: 13 credits.

NCEA Level 2 Media Studies

2EMES



Course Description

Head of Faculty - Kaihautuu: Shalini Saxena

You will develop your creativity by planning, writing, and producing a media text. This will develop your vision, critique, and reflection processes in order to produce a media text to appeal to a specific audience. You will enhance your skills in managing self- through establishing production timelines and adhering to them.

Course Overview

Term 1

Understand representation in the media

Term 2

Design and plan a media product

Term 3

Write a media text

Term 4

Demonstrate an understanding of an aspect of a genre

Learning Areas:

[English](#)

Pathway

[NCEA Level 3 Media Studies](#)

Assessment Information

The course is assessed through Internal and External Achievement Standards.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91250 v3 Media Studies 2.3 - Demonstrate understanding of representation in the media Creative Industries: 3	2	I	3	Y		
A.S. 91251 v5 Media Studies 2.4 - Demonstrate understanding of an aspect of a media genre Creative Industries: 4	2	E	4	Y	4w	
A.S. 91252 v2 Media Studies 2.5 - Produce a design and plan for a developed media product using a range of conventions Creative Industries: 4	2	I	4	Y		
A.S. 91253 v3 Media Studies 2.6 - Complete a developed media product from a design and plan using a range of conventions Creative Industries: 6	2	I	6	Y		
A.S. 91255 v3 Media Studies 2.8 - Write developed media text for a specific target audience Creative Industries: 3	2	I	3	Y	3w	
Total Credits			20	20	7	0

Total Credits Available: 20 credits.

Externally Assessed Credits: 4 credits.

Internally Assessed Credits: 16 credits.

NCEA Level 3 English

3EENG



Course Description

Head of Faculty - Kaihautuu:

At Curriculum Level 8 students will critically respond and evaluate, while acknowledging their own perspectives through their responses to various texts. They will show an insightful understanding of why and how the audience is being positioned, how a text relates to other texts and contexts, and they will integrate their knowledge of ideas, purpose, language features, and structure.

Course Overview

Term 1

Close viewing

Reading written texts

Term 2

Write coherent texts

Use critical texts to develop an understanding of an issue in a studied text

Term 3

Write coherent texts

Critically examine written texts

Learning Areas:

[English](#)

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91472 v1 English 3.1 - Respond critically to specified aspect(s) of studied written text(s), supported by evidence Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Social & Community Services: 4	3	E	4	Y	4r,4w *	
A.S. 91474 v1 English 3.3 - Respond critically to significant aspects of unfamiliar written texts through close reading, supported by evidence Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Social & Community Services: 4	3	E	4	Y	4r,4w *	
A.S. 91475 v1 English 3.4 - Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas Construction & Infrastructure: 6 Primary Industries: 6 Services Industries: 6 Social & Community Services: 6 Creative Industries: 6	3	I	6	Y	6w *	
A.S. 91479 v1 English 3.8 - Develop an informed understanding of literature and/or language using critical texts Construction & Infrastructure: 4 Primary Industries: 4 Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	3	I	4	Y	4r *	
A.S. 91480 v1 English 3.9 - Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence Creative Industries: 3	3	I	3	Y	*	
Total Credits			21	21	18	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: **21**

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 21 credits.

Externally Assessed Credits: 8 credits.

Internally Assessed Credits: 13 credits.

NCEA Level 3 Media Studies

3EMES



Head of Faculty - Kaihautuu: Shalini Saxena

Learning Areas:

[English](#)

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91492 v2 Media Studies 3.3 - Demonstrate understanding of the media representation of an aspect of New Zealand culture or society Creative Industries: 3	3	I	3	Y	*	
A.S. 91493 v3 Media Studies 3.4 - Demonstrate understanding of a relationship between a media genre and society Creative Industries: 4	3	E	4	Y	4r,4w *	
A.S. 91494 v2 Media Studies 3.5 - Produce a design for a media product that meets the requirements of a brief Creative Industries: 4	3	I	4	Y	*	
A.S. 91495 v2 Media Studies 3.6 - Produce a media product to meet the requirements of a brief Creative Industries: 6	3	I	6	Y	*	
A.S. 91497 v2 Media Studies 3.8 - Write a media text to meet the requirements of a brief Services Industries: 3 Creative Industries: 3	3	I	3	Y	3w *	
Total Credits			20	20	7	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: **20**

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 20 credits.

Externally Assessed Credits: 4 credits.

Internally Assessed Credits: 16 credits.



NCEA Level 1 English for Speakers of Other Languages

1EESL



Course Description

Head of Faculty - Kaihautuu: Shalini Saxena

Recommended Prior Learning

There is no recommended prior learning. Assessments are differentiated so that students can be assessed at their current level of English language proficiency. However, only students who do not have English as their first language are eligible for English Language Unit Standards.

This is an English language course for students who speak English as an additional language. It covers reading, writing, listening and speaking. The aim is to improve English language skills for everyday life and to develop academic language skills to support achievement in other learning areas.

Learning Areas:

[English](#), [ESOL](#)

Contributions and Equipment/Stationery

There is no additional cost associated with this course. Students are encouraged to use their digital devices (laptop or tablet) or exercise book and clearfile folder.

Assessment Information

Students can be assessed at either level 1 or 2 for most skill areas depending on their current level of English language proficiency. Suitable assessments will be chosen from the list below. The English Language Unit Standards do not count for Level 1 literacy but, if required, the ESOL department can co-ordinate the collection of evidence for Literacy Unit Standards when the student is ready to achieve these.

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 27996 v3 Write simple texts on everyday topics (EL)	1	I	5			
U.S. 27998 v3 Complete simple forms with personal information (EL)	1	I	5			
U.S. 27999 v3 Write a simple connected text on a familiar topic (EL)	2	I	5			
U.S. 30980 v1 Demonstrate understanding of a straightforward spoken text on a familiar topic (EL) Construction & Infrastructure: 5	2	I	5			
U.S. 30994 v1 Read and understand simple texts in everyday contexts (EL) Construction & Infrastructure: 5	1	I	5			
U.S. 30995 v1 Read and understand a straightforward text on a familiar topic (EL) Construction & Infrastructure: 5	2	I	5			
U.S. 31005 v1 Read and understand a range of simple written texts independently (EL) Construction & Infrastructure: 5	1	I	5			
U.S. 31020 v1 Participate in an interview on a familiar topic (EL) Construction & Infrastructure: 5	2	I	5			
Total Credits			40	0	0	0

Total Credits Available: 40 credits.

Internally Assessed Credits: 40 credits.

NCEA Level 2 English for Speakers of Other Languages

2EESL



Course Description

Head of Faculty - Kaihautuu: Shalini Saxena

Recommended Prior Learning

There is no recommended prior learning. Assessments are differentiated so that students can be assessed at their current level of English language proficiency. However, only students who do not have English as their first language are eligible for English Language Unit Standards.

This is an English course for students who speak English as an additional language. It covers reading, writing, listening and speaking. The aim is to improve English language skills for everyday life and to develop academic language skills to support achievement in other learning areas.

Learning Areas:

[English](#), [ESOL](#)

Pathway

[NCEA Level 3 English for Speakers of Other Languages](#)

2EESL leads to 3EESL in the following year or to English level 2, depending on English language proficiency and approval from the English HoF. Some students may do an English course and an ESOL course concurrently.

Contributions and Equipment/Stationery

There is no additional cost associated with this course. Students are encouraged to use their digital devices (laptop or tablet) or exercise book and clearfile folder.

Assessment Information

Students can be assessed at either level 2 or 3 for most skill areas, depending on their current level of English language proficiency. Suitable standards will be chosen from the list below. For students who require level 1 literacy credits, the ESOL department can help them to collect evidence for Literacy Unit Standards from across their subjects.

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 27999 v3 Write a simple connected text on a familiar topic (EL)	2	I	5			
U.S. 28068 v3 Write a connected text on a familiar topic (EL)	3	I	5			
U.S. 30990 v1 Demonstrate understanding of a spoken interaction in a familiar context (EL)	3	I	5			
U.S. 30995 v1 Read and understand a straightforward text on a familiar topic (EL) Construction & Infrastructure: 5	2	I	5			
U.S. 30997 v1 Read and understand a text on a familiar topic (EL)	3	I	5			
U.S. 31006 v1 Read and understand a range of straightforward written texts independently (EL) Construction & Infrastructure: 5	2	I	5			
U.S. 31026 v1 Present information on a familiar topic (EL) Construction & Infrastructure: 5	2	I	5			
U.S. 31027 v1 Deliver a developed presentation on a familiar topic (EL)	3	I	5			
Total Credits			40	0	0	0

Total Credits Available: 40 credits.

Internally Assessed Credits: 40 credits.

NCEA Level 3 English for Speakers of Other Languages

3EESL



Course Description

Head of Faculty - Kaihautuu: Shalini Saxena

Recommended Prior Learning

There is no recommended prior learning. Assessment are differentiated so that students can be assessed at their current level of English language proficiency. However, only students who do not have English as their first language are eligible for English Language Unit Standards.

This course aims to help English language learners to develop confidence and skills in using the English language for work and for further training. It covers skill development in reading, writing, listening and speaking. There may be options for attaining UE literacy credits for students who are ready to achieve them.

Learning Areas:

[English](#), [ESOL](#)

Contributions and Equipment/Stationery

There is no additional cost associated with this course. Students are encouraged to use their digital devices (laptop or tablet) or exercise book and clearfile folder.

Assessment Information

Students are assessed at level 3 for English Language Unit Standards and/or level 3 for English for Academic Purposes Unit Standards, depending on their current level of English language proficiency and their learning goals. Level 2 standards may also be offered if required. Special learning pathways may developed for students needing help to achieve UE literacy.

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 28062 v3 Participate in a formal interview (EL)	3	I	5			
U.S. 28069 v3 Write a text for a practical purpose (EL)	3	I	5			
U.S. 28070 v3 Write a response for a specific purpose (EL)	3	I	5			
U.S. 30508 v1 Write a short crafted text for a specified audience using resource material in English for an academic purpose	3	I	6			
U.S. 30511 v1 Read and apply understanding in English for academic purposes	3	I	6			
U.S. 31004 v1 Read and understand a text for a practical purpose (EL)	3	I	5			
Total Credits			32	0	0	0

Total Credits Available: 32 credits.

Internally Assessed Credits: 32 credits.



What is health and physical education about?

He oranga ngākau, he pikinga waiora.

In health and physical education, the focus is on the well-being of the students themselves, of other people, and of society through learning in health-related and movement contexts.

Four underlying and interdependent concepts are at the heart of this learning area:

- Hauora1 – a Māori philosophy of well-being that includes the dimensions taha wairua, taha hinengaro, taha tinana, and taha whānau, each one influencing and supporting the others.
- Attitudes and values – a positive, responsible attitude on the part of students to their own well-being; respect, care, and concern for other people and the environment; and a sense of social justice.
- The socio-ecological perspective – a way of viewing and understanding the interrelationships that exist between the individual, others, and society.
- Health promotion – a process that helps to develop and maintain supportive physical and emotional environments and that involves students in personal and collective action.

Why study health and physical education?

Through learning and by accepting challenges in health-related and movement contexts, students reflect on the nature of well-being and how to promote it. As they develop resilience and a sense of personal and social responsibility, they are increasingly able to take responsibility for themselves and contribute to the well-being of those around them, of their communities, of their environments (including natural environments), and of the wider society.

This learning area makes a significant contribution to the well-being of students.

The learning activities in health and physical education arise from the integration of the four concepts above, the following four strands and their achievement objectives, and seven key areas of learning.

The four strands are:

- Personal health and physical development, in which students develop the knowledge, understandings, skills, and attitudes that they need in order to maintain and enhance their personal well-being and physical development
- Movement concepts and motor skills, in which students develop motor skills, knowledge and understandings about movement, and positive attitudes towards physical activity
- Relationships with other people, in which students develop understandings, skills, and attitudes that enhance their interactions and relationships with others
- Healthy communities and environments, in which students contribute to healthy communities and environments by taking responsible and critical action.

The seven key areas of learning are:

- mental health
- sexuality education
- food and nutrition
- body care and physical safety
- physical activity
- sport studies
- outdoor education



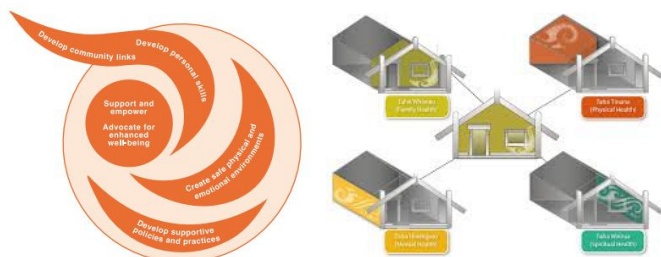
NCEA Level 1 Health

1PHLH



Course Description

Head of Faculty - Kaihautuu: Sarah Hainsworth



This course will give students the opportunity to take action and enhance their own personal well-being, demonstrate ways to be resilient and manage change and stress, develop strategies to promote positive sexuality, and understand the importance of making health-enhancing decisions in drug-related situations and demonstrate understanding of the influences on adolescent food choices.

Students develop an understanding of well-being by learning about the 'Whare Tapu Wha' Model of Hauora. They develop respect and compassion for others and an appreciation of diversity. They are encouraged to think critically and view situations from personal, interpersonal, and societal perspectives.

Using digital technology is encouraged and promoted in this course. Teachers use Microsoft teams and one note to help deliver learning. An awareness of current affairs and researching using the internet to investigate topics is encouraged. Learning in interactive and collaborative.

Knowledge, skills and experiences gained in Health Education are beneficial for many types of occupations. Students may want to take this course to learn more about their own health, or they may be looking for a career in some of the fields below.

Course Overview

Term 1

Concepts Unit

1.1 Taking Action to enhance your own Well-being

Term 2

1.3 Managing Change in our lives

1.5 Sexuality Issues

Term 3

1.2 External Exam Preparation - Influences on Adolescent Eating patterns

1.6 External Exam Preparation - Health enhancing decisions in relation to Drug related situations

Term 4

External Revision Continued

Learning Areas:

[Health and Physical Education](#)

Pathway

[NCEA Level 2 Health](#)

Credit Information

This course is eligible for subject endorsement.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90971 v3 Health 1.1 - Take action to enhance an aspect of personal well-being Primary Industries: 3 Services Industries: 3 Social & Community Services: 3 Creative Industries: 3	1	I	3	Y		
A.S. 90972 v3 Health 1.2 - Demonstrate understanding of influences on adolescent eating patterns to make health-enhancing recommendations Primary Industries: 4 Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	1	E	4	Y		
A.S. 90974 v4 Health 1.5 - Demonstrate understanding of strategies for promoting positive sexuality Social & Community Services: 4	1	I	4	Y		
A.S. 90975 v3 Health 1.6 - Demonstrate understanding of issues to make health-enhancing decisions in drug-related situations Primary Industries: 4 Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	1	E	4	Y		
A.S. 91097 v3 Health 1.3 - Demonstrate understanding of ways in which well-being can change and strategies to support well-being Primary Industries: 4 Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	1	I	4	Y		
Total Credits			19	19	0	0

Total Credits Available: 19 credits.

Externally Assessed Credits: 8 credits.

Internally Assessed Credits: 11 credits.

Related Videos

<https://www.youtube.com/watch?v=AemHYVVUppc>





Students will participate in a variety of physical activities throughout the year and evaluate the factors that have affected their participation. They will develop an understanding of how the body functions during physical activity as well as how to learn physical skills effectively. Students will develop an understanding of the effective use of interpersonal skills in a team setting. They will also examine the societal influences that affect their participation in physical activity.

In Physical Education the focus is on movement and the aim is to encourage students to engage in movement experiences that promote and support the development of physical and social skills. It fosters critical thinking and action and enables students to understand the role and significance of physical activity for individuals and society.

Physical Activities may include: Volleyball, Ki o rahi, Adventure Based Learning, Orienteering, Boxing, Winter Sports.

Course Overview

Term 1

- 1.1. Lets get Active
- 1.2 The body in Action (Anatomy, Exercise Physiology and Biomechanics)

Term 2

- 1.2 The Body in Action Continued
- 1.3 Performance Standard - Volleyball/ Ki o Rahi

Term 3

- 1.5 T.E.A.M - Interpersonal Skills
- 1.4 My Physical Activity and Me

Term 4

Recreation

Learning Areas:

[Health and Physical Education](#)

Pathway
[NCEA Level 2 Physical Education](#)

Assessment Information
Students will be able to gain a maximum 21 NCEA Level 1 Achievement Standard Credits.
All Achievement Standards are internally assessed.

Credit Information
This course is eligible for subject endorsement.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90962 v3 Physical Education 1.1 - Participate actively in a variety of physical activities and explain factors that influence own participation Services Industries: 5 Social & Community Services: 5 Creative Industries: 5	1	I	5			
A.S. 90963 v3 Physical Education 1.2 - Demonstrate understanding of the function of the body as it relates to the performance of physical activity Services Industries: 5 Social & Community Services: 5 Creative Industries: 5	1	I	5	Y		
A.S. 90964 v3 Physical Education 1.3 - Demonstrate quality movement in the performance of a physical activity Services Industries: 3 Social & Community Services: 3 Creative Industries: 3	1	I	3			
A.S. 90965 v3 Physical Education 1.4 - Demonstrate understanding of societal influences on physical activity and the implications for self and others Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	1	I	4	Y		
A.S. 90966 v3 Physical Education 1.5 - Demonstrate interpersonal skills in a group and explain how these skills impact on others Primary Industries: 4 Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	1	I	4	Y		
Total Credits			21	13	0	0

Total Credits Available: 21 credits.
Internally Assessed Credits: 21 credits.

NCEA Level 2 Health

2PHLH



Course Description

Head of Faculty - Kaihautuu: Sarah Hainsworth

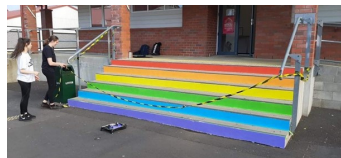
Recommended Prior Learning

Students are recommended to have done Level 1 Health prior to this course.

Through this course students will analyse health issues that affect the well-being of individuals, others and society. Students will learn to take collective action to enhance student well-being within our school or community. Gender and sexual identity issues that impact our society are explored and students are encouraged to develop strategies that promote social justice for all. Students will evaluate risk and protective factors associated with a resilient role model and evaluate how they manage change, build resilience and enhance their mental health. Other adolescent health issues covered within this course may include but not limited to teenage drinking, social media, drug use, stress management, and managing relationship conflict.

Digital technology is strongly utilised within this course with teachers using Microsoft teams and OneNote to deliver learning. Students are expected to undertake their own research into current health issues impacting our society so a device is essential.

Students will develop the skills of critical thinking, collaboration, research skills and health promotion.



Course Overview

Term 1

Concepts Unit

Resilient Role Model Case Study

Key date: Week 10

Term 2

Taking Action to enhance student well-being

Key Date: Week 10

Sexuality and Gender Issues

Term 3

Sexuality and Gender Issues

Key Date: Week 6

Adolescent Health Issue

Key Date: Practice exam Week 5

Term 4

Revision External Exam Adolescent Health Issue

Key Date: Externals Exam November

Learning Areas:

[Health and Physical Education](#)

Pathway

[NCEA Level 3 Health](#)

Credit Information

This course is eligible for subject endorsement.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91235 v2 Health 2.1 - Analyse an adolescent health issue Primary Industries: 5 Services Industries: 5 Social & Community Services: 5	2	E	5	Y		
A.S. 91236 v2 Health 2.2 - Evaluate factors that influence people's ability to manage change Primary Industries: 5 Services Industries: 5 Social & Community Services: 5	2	I	5	Y		
A.S. 91237 v2 Health 2.3 - Take action to enhance an aspect of people's well-being within the school or wider community Services Industries: 5 Social & Community Services: 5	2	I	5	Y		
Total Credits			20	20	0	0

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91239 v2 Health 2.5 - Analyse issues related to sexuality and gender to develop strategies for addressing the issues Primary Industries: 5 Social & Community Services: 5	2	I	5	Y		
Total Credits			20	20	0	0

Total Credits Available: 20 credits.
Externally Assessed Credits: 5 credits.
Internally Assessed Credits: 15 credits.

Related Videos
<https://www.youtube.com/watch?v=G2quVLcJVBk&t=3s>

NCEA Level 2 Outdoor Education

2POED



Course Description

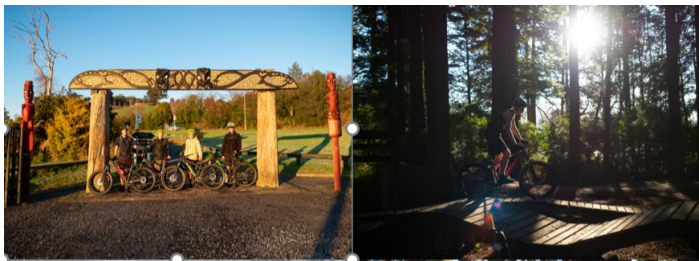
Head of Faculty - Kaihautuu: Sarah Hainsworth

Recommended Prior Learning

No recommended prior learning

Through journey-based experiences, students will learn the practical skills needed to take part in outdoor activities like snorkeling, sea kayaking, mountain biking, camping, rock climbing and tramping. They will develop leadership skills and the ability to relate to others, confidence in managing themselves as they participate and contribute in group settings, competence, perseverance and resilience, while connecting to the natural environment. They will learn to 'think outside the box' as they are challenged physically, mentally and emotionally throughout the course.

Students will develop safe outdoor practices through the use of practical and active learning experiences. They will learn the necessary steps for planning expeditions, managing risk and navigation. Students will also develop problem solving skills that contribute to good leadership practices, while deepening their understanding and appreciation of the outdoors.





Course Overview

- Term 1**
Snorkeling
Kayaking
- Term 2**
Mountain Biking
Adventure Based Learning

- Term 3**
Tramping
Camping

- Term 4**
Rock Climbing

Learning Areas:
[Health and Physical Education](#)

Pathway
[NCEA Level 3 Outdoor Education](#)

Contributions and Equipment/Stationery
Overnight trip expenses will be required

Assessment Information
All assessments are internally assessment unit standards

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 444 v8 Demonstrate basic rock climbing movement Services Industries: 1	2	I	1			
U.S. 457 v7 Demonstrate mountain biking skills on grade 2 terrain Services Industries: 2	2	I	2			
Total Credits			19	0	0	0

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 467 v6 Demonstrate personal and social development through participation in adventure based learning Services Industries: 3 Social & Community Services: 3	2	I	3			
U.S. 489 v8 Demonstrate sea kayaking skills on sheltered or slow-moving water Services Industries: 3	2	I	3			
U.S. 20159 v3 Demonstrate knowledge of weather information for an outdoor activity Services Industries: 2 Social & Community Services: 2	2	I	2			
U.S. 26249 v2 Demonstrate skills for an overnight tramp	2	I	2			
U.S. 28391 v2 Snorkel dive in open water Services Industries: 2	2	I	2			
A.S. 91330 v3 Physical Education 2.4 - Perform a physical activity in an applied setting Services Industries: 4 Creative Industries: 4	2	I	4			
Total Credits			19	0	0	0

Total Credits Available: 19 credits.
Internally Assessed Credits: 19 credits.

NCEA Level 2 Physical Education

2PPED



Course Description

Head of Faculty - Kaihautuu: Sarah Hainsworth

Recommended Prior Learning

It is recommended that student have done Level 1 Physical Education.

Students will learn to apply the principles of anatomy and biomechanics when learning to perform skills and how to apply the principles of sports psychology to improve their performance. They will learn how to apply appropriate methods and principles of training to improve skill performance. Students will also perform skills in an applied setting and demonstrate social responsibility when participating in physical activity. They will also research the significance of a self-selected sporting event or festival.

In Physical Education the focus is on movement and the aim is to encourage students to engage in movement experiences that promote and support the development of physical and social skills. It fosters critical thinking and action and enables students to understand the role and significance of physical activity for individuals and society.



Learning Areas:

[Health and Physical Education](#)

Pathway

[NCEA Level 3 Physical Education](#)

Assessment Information

Student have the ability to achieve 20 Level 2 Credits in this course.
All assessment are internal Achievement Standards

Credit Information

This course is eligible for subject endorsement.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91328 v2 Physical Education 2.2 - Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills Services Industries: 5 Social & Community Services: 5 Creative Industries: 5	2	I	5	Y		
A.S. 91329 v2 Physical Education 2.3 - Demonstrate understanding of the application of biophysical principles to training for physical activity Services Industries: 4 Creative Industries: 4	2	I	4	Y		
A.S. 91330 v3 Physical Education 2.4 - Perform a physical activity in an applied setting Services Industries: 4 Creative Industries: 4	2	I	4			
A.S. 91331 v2 Physical Education 2.5 - Examine the significance for self, others and society of a sporting event, a physical activity, or a festival Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	2	I	4	Y		
A.S. 91334 v2 Physical Education 2.8 - Consistently demonstrate social responsibility through applying a social responsibility model in physical activity Services Industries: 3 Social & Community Services: 3 Creative Industries: 3	2	I	3			
Total Credits			20	13	0	0

Total Credits Available: 20 credits.

Internally Assessed Credits: 20 credits.

NCEA Level 2 Sport Leadership

2PSPT



Course Description

Head of Faculty - Kaihautuu: Sarah Hainsworth

This course, which is run in conjunction with MIT, will provide the student with opportunities to develop an understanding of the role of sport in society. It includes a combination of achievement standards as well as unit standards. It will focus on participating and contributing from an individual perspective as well as encompassing a community view. It will provide the students with opportunities to enhance their ability to relate to others through activities such as coaching and adventure-based learning.

Students will develop an understanding of the place of sport in society and the place of coaching groups as a part of sport. They will also develop their interpersonal skills by working effectively as a part of a group in challenging adventure-based activities. Students will also learn about body function in relation to sports-related movement as well as being provided with the opportunity to demonstrate skill performance in an applied setting.



Assessment Information

A combination of unit standards and achievement standards

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 444 v8 Demonstrate basic rock climbing movement Services Industries: 1	2	I	1			
U.S. 21649 v3 Demonstrate knowledge of basic anatomy to the performance of a complex sport skill Services Industries: 3 Social & Community Services: 3	2	I	3			
U.S. 22770 v3 Demonstrate knowledge of sports coaching, the coaching environment, and sport participants' needs Services Industries: 4 Social & Community Services: 4	2	I	4			
A.S. 91330 v3 Physical Education 2.4 - Perform a physical activity in an applied setting Services Industries: 4 Creative Industries: 4	2	I	4			
A.S. 91336 v2 Physical Education 2.10 - Analyse group processes in physical activity Primary Industries: 3 Services Industries: 3 Social & Community Services: 3 Creative Industries: 3	2	I	3	Y		
Total Credits			15	3	0	0

Total Credits Available: 15 credits.

Internally Assessed Credits: 15 credits.



Course Description

Head of Faculty - Kaihautuu: Sarah Hainsworth

Recommended Prior Learning

It is recommended that students have done Level 2 Health.

Students consolidate their understanding of the holistic Maaori model of Hauora (Well-being) and investigate current New Zealand Health issues impacting individuals, others and societal well-being. Students investigate different Health practices used to treat or manage a particular health condition of their choice by researching the philosophies behind Western Scientific Medicine, Complementary and Alternative Medicine and Traditional Medicine. Students come to understand the different viewpoints forming current ethical issues impacting our society such as the euthanasia, vaccinations and cannabis referendum. Students develop greater understanding of the determinants affecting our health such as social, political, economic, cultural environmental implications. Students come to show comprehensive knowledge of the four underlying concepts of health well-being (hauora), socio-ecological perspective, attitudes and values and health promotion.

Through theoretical learning students will develop competency in critical thinking by investigating and analysing relevant research around Health Issues affecting individuals and societal well-being. Students will develop skills of relating to others through their analysis of health issues on the impacts on self, others and society. Through working with health practitioners in our local community students will learn to manage their own learning through organising interviews, workshops and presentations on current health practices.



Learning Areas:

[Health and Physical Education](#)

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91461 v2 Health 3.1 - Analyse a New Zealand health issue Primary Industries: 5 Services Industries: 5 Social & Community Services: 5	3	I	5	Y	5r *	
A.S. 91462 v2 Health 3.2 - Analyse an international health issue Primary Industries: 5 Services Industries: 5 Social & Community Services: 5	3	E	5	Y	5r,5w *	
A.S. 91463 v2 Health 3.3 - Evaluate health practices currently used in New Zealand Services Industries: 5 Social & Community Services: 5	3	I	5	Y	5r *	
A.S. 91464 v2 Health 3.4 - Analyse a contemporary ethical issue in relation to well-being Primary Industries: 4 Services Industries: 4 Social & Community Services: 4	3	I	4	Y	4r *	
Total Credits			19	19	19	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 19

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 19 credits.
Externally Assessed Credits: 5 credits.
Internally Assessed Credits: 14 credits.

Related Videos

<https://www.youtube.com/watch?v=8PH4JYfF4Ns&t=11s>

NCEA Level 3 Outdoor Education

3POED



Course Description

Head of Faculty - Kaihautuu: Sarah Hainsworth

Recommended Prior Learning

Level 2 Outdoor Education

Through journey-based experiences, students will learn the practical skills needed to take part in outdoor activities like bush survival, sea kayaking, mountain biking, rock climbing and tramping. They will develop leadership skills and the ability to relate to others, confidence in managing themselves as they participate and contribute in group settings, competence, perseverance and resilience, while connecting to the natural environment. They will learn to 'think outside the box' as they are challenged physically, mentally and emotionally throughout the course.

Students will develop safe outdoor practices through the use of practical and active learning experiences. They will learn the necessary steps for planning expeditions, managing risk and navigation. Students will also develop problem solving skills that contribute to good leadership practices, while deepening their understanding and appreciation of the outdoors.





Course Overview

Term 1
Sea Kayaking
Bush Survival

Term 2
Rock Climbing
Tramping
Weather
River Crossings

Term 3
Mountain Biking

Learning Areas:
[Health and Physical Education](#)

Contributions and Equipment/Stationery

Costs will incur with overnight trips

Assessment Information

All internal assessment

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 427 v8 Demonstrate crossing rivers	3	I	2			
U.S. 430 v8 Demonstrate bush survival skills	3	I	3			
U.S. 19428 v3 Demonstrate sea kayaking skills on coastal water	3	I	2			
U.S. 19430 v3 Demonstrate knowledge of and maintain equipment used for sea kayaking	3	I	2			
U.S. 20150 v4 Demonstrate top rope rock climbing and belaying skills on Ewbank Grade 14 and above	3	I	2			
U.S. 26237 v2 Demonstrate kayaking knowledge and skills	3	I	5			
U.S. 26246 v2 Demonstrate mountain biking knowledge and skills	3	I	5			
U.S. 32876 v1 Demonstrate knowledge of weather processes and weather conditions for outdoor recreation in New Zealand	3	I	3			
A.S. 91501 v2 Physical Education 3.4 - Demonstrate quality performance of a physical activity in an applied setting Services Industries: 4 Creative Industries: 4	3	I	4		*	Y
Total Credits			28	0	0	4

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 4

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 28 credits.
Internally Assessed Credits: 28 credits.

NCEA Level 3 Physical Education

3PPED



Course Description

Head of Faculty - Kaihautuu: Sarah Hainsworth

Recommended Prior Learning

It is recommended that students have done Level 2 Physical Education









Students will critically evaluate influences on their decision-making with respect to the physical activity experiences they have participated in over time. They will evaluate the effectiveness of a performance improvement program, devise strategies for achieving a physical activity outcome and demonstrate quality performance of a physical activity in an applied setting. They will also examine contemporary leadership principles.

In physical education the focus is on movement and the aim is to encourage students to engage in movement experiences that promote and support the development of physical and social skills. It fosters critical thinking and action and enables students to understand the role and significance of physical activity for individuals and society.

Students who take this course may part-take in coaching at a local primary school, participate in the secondary school Tough Guy & Gal challenge, access local facilities such as counties fitness classes, community boxing and hot yoga classes.



Learning Areas:
[Health and Physical Education](#)

Assessment Information
 The course is all internal assessments.

Credit Information
 This course is eligible for subject endorsement.
 This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91498 v2 Physical Education 3.1 - Evaluate physical activity experiences to devise strategies for lifelong well-being Services Industries: 4 Social & Community Services: 4	3	I	4	Y	*	Y
Total Credits			20	16	12	12

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91500 v2 Physical Education 3.3 - Evaluate the effectiveness of a performance improvement programme Services Industries: 4 Creative Industries: 4	3	I	4	Y	4r *	Y
A.S. 91501 v2 Physical Education 3.4 - Demonstrate quality performance of a physical activity in an applied setting Services Industries: 4 Creative Industries: 4	3	I	4		*	Y
A.S. 91502 v2 Physical Education 3.5 - Examine a current physical activity event, trend, or issue and its impact on New Zealand society Services Industries: 4 Social & Community Services: 4	3	I	4	Y	4r *	
A.S. 91505 v2 Physical Education 3.8 - Examine contemporary leadership principles applied in physical activity contexts Services Industries: 4 Social & Community Services: 4	3	I	4	Y	4r *	
Total Credits			20	16	12	12

Approved subject for University Entrance
Number of credits that can be used for overall endorsement: **20**

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 20 credits.
Internally Assessed Credits: 20 credits.

Course Description

This course, which is run in conjunction with MIT, will provide the student with opportunities to develop an understanding of the role of sport in society. It will focus on participating and contributing from an individual perspective as well as encompassing a community view. It will provide the students with opportunities to enhance their ability to relate to others through activities such as coaching and officiating.

Students will develop an understanding of the role of a coach in developing physical skills and managing groups. They will also incorporate an understanding of officiating in games and the treatment of sports injuries. Students will gain an appreciation of the complexities of event management.



Term 1
Sports Injuries
Performance standard (context decided by class)

Coaching

Coaching
Event Management

Recreation activities

Health and Physical Education

A combination of unit standard courses and achievement standard

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 20673 v4 Demonstrate knowledge of injuries, injury prevention and risks and hazards associated with sport or recreation	3	I	5			
U.S. 21414 v3 Plan and run a recreation activity	3	I	4			
U.S. 22768 v3 Conduct and review a beginner level coaching session	2	I	4			
U.S. 22771 v3 Plan beginner-level coaching sessions for sport participants	3	I	6			
A.S. 91501 v2 Physical Education 3.4 - Demonstrate quality performance of a physical activity in an applied setting Services Industries: 4 Creative Industries: 4	3	I	4		*	Y
		Total Credits	23	0	0	4

Number of credits that can be used for overall endorsement: 4

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 23 credits.

Internally Assessed Credits: 23 credits.



Languages Learning Area

Students will

- **be enriched intellectually, socially and culturally.**
- gain knowledge, skills and attitudes that will equip them for living in a world of diverse people, languages and cultures.



NCEA Level 1 French

1LFRE



Course Description

Head of Faculty - Kaihautuu: Pascale McMillan

Recommended Prior Learning

Achievement in Year 10 French

Students will:

- further develop their range of vocabulary and sentence patterns to enable understanding and use of a wider variety of language.
- build their confidence in using the language by participating in and contributing to a wide variety of language activities.
- be able to communicate about past and future events.
- explore areas of French culture and compare it with New Zealand culture.

Focus is :

- a) on speaking being able to use simple French sentences and questions for the purpose of every day conversation and recording video presentations for future penpals.
- b) on reading from authentic texts such as magazines, online articles, lyrics on songs and simple videos
- c) on experiencing the culture with activities such as food ie French lunch at a restaurant, planning a visit to Paris and experiencing a virtual visit.

Learning Areas:

[Languages](#)

Pathway

[NCEA Level 2 French](#)

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90878 v2 French 1.1 - Demonstrate understanding of a variety of spoken French texts on areas of most immediate relevance Primary Industries: 5 Services Industries: 5 Social & Community Services: 5 Creative Industries: 5	1	E	5			
A.S. 90879 v2 French 1.2 - Give a spoken presentation in French that communicates a personal response Primary Industries: 4	1	I	4			
A.S. 90881 v2 French 1.4 - Demonstrate understanding of a variety of French texts on areas of most immediate relevance Services Industries: 5	1	E	5			
A.S. 90882 v2 French 1.5 - Write a variety of text types in French on areas of most immediate relevance Services Industries: 5 Creative Industries: 5	1	I	5			
Total Credits			19	0	0	0

Total Credits Available: 19 credits.

Externally Assessed Credits: 10 credits.

Internally Assessed Credits: 9 credits.

NCEA Level 1 Japanese

1LJPN



Course Description

Head of Faculty - Kaihautuu: Pascale McMillan

Recommended Prior Learning

Achievement in Year 10 Japanese

Students will

- further develop their range of vocabulary and sentence patterns to enable understanding and use of a wider variety of language.
- build their confidence in using the language by participating in and contributing to a wide variety of language activities.
- be able to communicate about past and future events
- progress their capability and confidence in reading and writing in the Japanese alphabets.
- explore areas of cultural interest.

Topics covered are:

My town and directions

Family and home

Travel

Health

Description of what people look like and what they are wearing

School

Shopping

Learning Areas:

[Languages](#)

Pathway

[NCEA Level 2 Japanese](#)

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90893 v2 Japanese 1.1 - Demonstrate understanding of a variety of spoken Japanese texts on areas of most immediate relevance Primary Industries: 5 Services Industries: 5 Social & Community Services: 5 Creative Industries: 5	1	E	5			
A.S. 90894 v2 Japanese 1.2 - Give a spoken presentation in Japanese that communicates a personal response Primary Industries: 4	1	I	4			
A.S. 90896 v2 Japanese 1.4 - Demonstrate understanding of a variety of Japanese texts on areas of most immediate relevance Services Industries: 5	1	E	5			
A.S. 90897 v2 Japanese 1.5 - Write a variety of text types in Japanese on areas of most immediate relevance Services Industries: 5 Creative Industries: 5	1	I	5			
Total Credits			19	0	0	0

Total Credits Available: 19 credits.

Externally Assessed Credits: 10 credits.

Internally Assessed Credits: 9 credits.

NCEA Level 2 French

2LFRE



Course Description

Head of Faculty - Kaihautuu: Pascale McMillan

Students will:

- be able to respond to and use a wider variety of more complex language.
- be able to organise and analyse language which expresses information and justifies personal opinions and ideas.
- continue to build their confidence in using the language by participating in and contributing to a variety of language activities.
- continue to make connections within the French language and culture and with their own.

Focus is :

a) on speaking being able to use more complex French sentence patterns to express ideas and opinion in simple conversations, video recordings on topics such as healthy life styles and diets, film reviews, traditions, plans for the future

b) on reading from authentic texts such as magazines, online articles, lyrics on songs and videos.

c) on experiencing the diversity of cultural practices from the various French-speaking countries such as Canada, New Caledonia, French Polynesia, Senegal and Morocco.

Learning Areas:

[Languages](#)

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91118 v3 French 2.1 - Demonstrate understanding of a variety of spoken French texts on familiar matters Services Industries: 5	2	E	5			
A.S. 91119 v2 French 2.3 - Interact using spoken French to share information and justify ideas and opinions in different situations Services Industries: 5 Social & Community Services: 5 Creative Industries: 5	2	I	5			
A.S. 91121 v3 French 2.4 - Demonstrate understanding of a variety of written and/or visual French text(s) on familiar matters Services Industries: 5	2	E	5			
A.S. 91122 v2 French 2.5 - Write a variety of text types in French to convey information, ideas, and opinions in genuine contexts	2	I	5			
Total Credits			20	0	0	0

Total Credits Available: 20 credits.

Externally Assessed Credits: 10 credits.

Internally Assessed Credits: 10 credits.

NCEA Level 2 Japanese

2LJPN



Course Description

Head of Faculty - Kaihautuu: Pascale McMillan

Recommended Prior Learning

Achievement in Level 1 Japanese.

Learning a language provides many opportunities for critical, creative and logical thinking.

Students will

- be able to respond to and use a wider variety of more complex language.
- be able to organise and analyse language which expresses information and justifies personal opinions and ideas.
- be introduced to informal language.
- continue to build their confidence in using the language by participating in and contributing to a variety of language activities.
- continue to make connections within the Japanese language and with their own language.
- develop and clarify their own values and beliefs and demonstrate respect and sensitivity to people whose values, attitudes and customs may differ from our own.

Topics covered are:

Home and Family

Eating and drinking

Education

Leisure

Learning Areas:

[Languages](#)

Pathway

[NCEA Level 3 Japanese](#)

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91133 v3 Japanese 2.1 - Demonstrate understanding of a variety of spoken Japanese texts on familiar matters Services Industries: 5	2	E	5			
A.S. 91135 v2 Japanese 2.2 - Give a spoken presentation in Japanese that communicates information, ideas and opinions	2	I	4			
A.S. 91136 v3 Japanese 2.4 - Demonstrate understanding of a variety of written and/or visual Japanese text(s) on familiar matters Services Industries: 5	2	E	5			
A.S. 91137 v2 Japanese 2.5 - Write a variety of text types in Japanese to convey information, ideas, and opinions in genuine contexts	2	I	5			
Total Credits			19	0	0	0

Total Credits Available: 19 credits.

Externally Assessed Credits: 10 credits.

Internally Assessed Credits: 9 credits.

NCEA Level 3 French

3LFRE



Course Description

Head of Faculty - Kaihautuu: Pascale McMillan

Students will

- become more independent learners as they manage their own programs using a range of resources
- be able to respond critically to more complex and varied texts and share and justify their own ideas and opinions as well as explore the views of others.
- be able to analyse how the language is organised in different texts and for different purposes and how it expresses cultural meanings.
- be able to guess unfamiliar language from its use in context and have some understanding of authentic material in supported situations.

Topics covered are:

The work place and working in France as a Language Assistant

Understand the role of the medias through social medias and famous people

The impact of technology on the environment and the people

Learning Areas:

[Languages](#)

Assessment Information

Demonstrate understanding of a variety of extended spoken French texts

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91543 v2 French 3.1 - Demonstrate understanding of a variety of extended spoken French texts Services Industries: 5	3	E	5		*	
A.S. 91544 v1 French 3.2 - Give a clear spoken presentation in French that communicates a critical response to stimulus material	3	I	3		*	
A.S. 91545 v1 French 3.3 - Interact clearly using spoken French to explore and justify varied ideas and perspectives in different situations Services Industries: 6 Social & Community Services: 6 Creative Industries: 6	3	I	6		*	
A.S. 91546 v1 French 3.4 - Demonstrate understanding of a variety of extended written and/or visual French texts	3	E	5		*	
A.S. 91547 v1 French 3.5 - Write a variety of text types in clear French to explore and justify varied ideas and perspectives Services Industries: 5	3	I	5		*	
Total Credits			24	0	0	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: **24**

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 24 credits.

Externally Assessed Credits: 10 credits.

Internally Assessed Credits: 14 credits.

NCEA Level 3 Japanese

3LJPN



Course Description

Head of Faculty - Kaihautuu: Pascale McMillan

Recommended Prior Learning

Achievement in Year 12 Japanese

Learning a language provides many opportunities for critical, creative and logical thinking.

Students will

- become more independent learners as they manage their own programs using a range of resources
- be able to respond critically to more complex and varied texts and share and justify their own ideas and opinions as well as explore the views of others.
- be able to analyse how the language is organised in different texts and for different purposes and how it expresses cultural meanings.
- be able to guess unfamiliar language from its use in context and have some understanding of authentic material in supported situations.

Topics covered are:

Leisure

Land and People

Travel and Tourism

Learning Areas:

[Languages](#)

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91553 v2 Japanese 3.1 - Demonstrate understanding of a variety of extended spoken Japanese texts Services Industries: 5	3	E	5		*	
A.S. 91554 v1 Japanese 3.2 - Give a clear spoken presentation in Japanese that communicates a critical response to stimulus material	3	I	3		*	
A.S. 91556 v1 Japanese 3.4 - Demonstrate understanding of a variety of extended written and/or visual Japanese texts	3	E	5		*	
A.S. 91557 v1 Japanese 3.5 - Write a variety of text types in clear Japanese to explore and justify varied ideas and perspectives Services Industries: 5	3	I	5		*	
Total Credits			18	0	0	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: **18**

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 18 credits.

Externally Assessed Credits: 10 credits.

Internally Assessed Credits: 8 credits.



NCEA Level 1 General Mathematics

1MGEN



Course Description

Head of Faculty - Kaihautuu: Sonamarie Meyer-Pum

This course is for students who would like a range of understanding of the key skills in mathematics. This course allows students to develop problem-solving skills and think about the application of mathematics in a range of realistic contexts.

Students who Study Level 1 General Maths will gain a good overview of Numbers, Algebra, Geometry, and Statistics and how it applies to the world around them. Level 1 Maths general, creates a pathway to further study in mathematics.

The course consists of three internals and two externals. The internals is completed within the first two school terms of the year. This is Numerical Reasoning, Multivariate Data as well as Linear Algebra.

Term 3 students write MCAT (compulsory for all students) and Term 4 students write Geometric Reasoning.

Course Overview

Term 1

Numerical Reasoning

A clear understanding of Numbers and how they relate to reality.

The following achievement objectives, taken from the Number Strategies and Knowledge thread of the Mathematics and Statistics learning area, are related to this achievement standard:

- reason with linear proportions
- use prime numbers, common factors and multiples, and powers (including square roots)
- understand operations on fractions, decimals, percentages, and integers
- use rates and ratios
- know commonly used fraction, decimal, and percentage conversions
- know and apply standard form, significant figures, rounding, and decimal place value
- apply direct and inverse relationships with linear proportion
- extend powers to include integers and fractions
- apply everyday compounding rates.

Term 2

Students will learn about Linear Algebra and Multivariate Data.

Multivariate Data

The achievement standard is aligned to the following achievement objectives taken from the Statistical Investigation thread of the Mathematics and Statistics learning area:

- plan and conduct surveys and experiments using the statistical enquiry cycle
 - determining appropriate variables
 - cleaning data
 - using multiple displays, and re-categorising data to find patterns, variations, in multivariate data sets
 - comparing sample distributions visually, using measures of centre, spread, and proportion
 - presenting a report of findings;
- plan and conduct investigations using the statistical enquiry cycle
 - justifying the variables used
 - identifying and communicating features in context (differences within and between distributions), using multiple displays
 - making informal inferences about populations from sample data
 - justifying findings, using displays and measures.

Linear Algebra

The following achievement objectives taken from the Equations and Expressions, and Patterns and Relationships threads of the Mathematics and Statistics learning area are related to this standard:

- form and solve linear equations
- solve linear equations and inequations and simultaneous equations with two unknowns
- relate graphs, tables, and equations to linear relationships
- relate rate of change to the gradient of a graph.

Term 3

MCAT and Geometric Reasoning

MCAT

The following achievement objectives taken from the Equations and Expressions, and Patterns and Relationships threads of the Mathematics and Statistics learning area are related to this standard:

- generalise the properties of operations with fractional numbers and integers
- generalise the properties of operations with rational numbers including the properties of exponents
- form and solve linear equations and inequations, quadratic and simple exponential equations, and simultaneous equations with two unknowns.

Geometric Reasoning

The following achievement objectives taken from the Shape thread of the Mathematics and Statistics learning area are related to this achievement standard:

- deduce the angle properties of intersecting and parallel lines and the angle properties of polygons and apply these properties
- recognise when shapes are similar and use proportional reasoning to find an unknown length
- use trigonometric ratios and Pythagoras' theorem in two dimensions
- deduce and apply the angle properties related to circles.

Term 4

Preparation for the external Geometric Reasoning

Learning Areas:

[Mathematics](#)

Pathway

[NCEA Level 2 General Mathematics](#), [NCEA Level 2 Mathematics with Algebra](#), [NCEA Level 2 Mathematics with Statistics](#)

Credit Information

This course is eligible for subject endorsement.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91026 v3 Mathematics and Statistics 1.1 - Apply numeric reasoning in solving problems Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	1	I	4			Y
Total Credits			19	4	0	19

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91027 v4 Mathematics and Statistics 1.2 - Apply algebraic procedures in solving problems Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	1	E	4			Y
A.S. 91029 v3 Mathematics and Statistics 1.4 - Apply linear algebra in solving problems Construction & Infrastructure: 3 Manufacturing & Technology: 3 Primary Industries: 3 Services Industries: 3 Social & Community Services: 3 Creative Industries: 3	1	I	3			Y
A.S. 91031 v4 Mathematics and Statistics 1.6 - Apply geometric reasoning in solving problems Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Creative Industries: 4	1	E	4			Y
A.S. 91035 v3 Mathematics and Statistics 1.10 - Investigate a given multivariate data set using the statistical enquiry cycle Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Social & Community Services: 4	1	I	4	Y		Y
Total Credits			19	4	0	19

Total Credits Available: 19 credits.

Externally Assessed Credits: 8 credits.

Internally Assessed Credits: 11 credits.

NCEA Level 1 Mathematics with Algebra

1MMAT



Course Description

Head of Faculty - Kaihautuu: Sonamaria Meyer-Pum

Recommended Prior Learning

A good understanding of Algebraic procedures and Geometry

This course is for students who wish to be extended in their learning of mathematics. With a focus on algebra skills this course allows students to develop their critical thinking and problem solving.

This course teaches students skills in geometry, number and algebra, focusing mainly on algebra, which develops students higher level thinking and ability to solve problems, spot patterns and make generalisations. Students should pick this course if they wish to continue their study of maths to a higher level or have plans to go into professions involving mathematics, science or engineering.

This course covers:

Two internals - Numerical Reasoning and Multivariate Data

Three Externals - MCAT, Geometric Reasoning and Tables, Equations and Graphs

Course Overview

Term 1

Focuses on the Internal Numeric Reasoning:

Numerical Reasoning

A clear understanding of Numbers and how they relate to reality.

The following achievement objectives, taken from the Number Strategies and Knowledge thread of the Mathematics and Statistics learning area, are related to this achievement standard:

- reason with linear proportions
- use prime numbers, common factors and multiples, and powers (including square roots)
- understand operations on fractions, decimals, percentages, and integers
- use rates and ratios
- know commonly used fraction, decimal, and percentage conversions
- know and apply standard form, significant figures, rounding, and decimal place value
- apply direct and inverse relationships with linear proportion
- extend powers to include integers and fractions
- apply everyday compounding rates.

After the Internal, Focus on MCAT

Term 2

The focus will be on Multivariate Data:

Multivariate Data

The achievement standard is aligned to the following achievement objectives taken from the Statistical Investigation thread of the Mathematics and Statistics learning area:

- plan and conduct surveys and experiments using the statistical enquiry cycle
 - determining appropriate variables
 - cleaning data
 - using multiple displays, and re-categorising data to find patterns, and variations, in multivariate data sets
 - comparing sample distributions visually, using measures of centre, spread, and proportion
 - presenting a report of findings;
- plan and conduct investigations using the statistical enquiry cycle
 - justifying the variables used
 - identifying and communicating features in context (differences within and between distributions), using multiple displays
 - making informal inferences about populations from sample data
 - justifying findings, using displays and measures.

After the internal tables, Equations and Graphs content will be covered

Term 3

MCAT, Tables Equations and Graphs as well as Geometric Reasoning

MCAT:

The following achievement objectives are taken from the Equations and Expressions, and Patterns and Relationships threads of the Mathematics and Statistics learning area are related to this standard:

- generalize the properties of operations with fractional numbers and integers
- generalize the properties of operations with rational numbers including the properties of exponents
- form and solve linear equations and inequations, quadratic and simple exponential equations, and simultaneous equations with two unknowns.

Tables, Equations and Graphs

The following achievement objectives taken from the Patterns and Relationships, Equations and Expressions, and Number Strategies and Knowledge threads of the Mathematics and Statistics learning area are related to this achievement standard:

- find optimal solutions, using numerical approaches
- solve linear equations and inequations, quadratic and simple exponential equations, and simultaneous equations with two unknowns
- relate graphs, tables, and equations to linear, quadratic, and simple exponential relationships found in number and spatial patterns
- relate the rate of change to the gradient of a graph.

Geometric Reasoning:

The following achievement objectives taken from the Shape thread of the Mathematics and Statistics learning area are related to this achievement standard:

- deduce the angle properties of intersecting and parallel lines and the angle properties of polygons and apply these properties
- recognise when shapes are similar and use proportional reasoning to find an unknown length
- use trigonometric ratios and Pythagoras' theorem in two dimensions
- deduce and apply the angle properties related to circles.

Learning Areas:

[Mathematics](#)

Pathway

[NCEA Level 2 General Mathematics](#), [NCEA Level 2 Mathematics with Algebra](#), [NCEA Level 2 Mathematics with Statistics](#)

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
------------	-------	----------------------	---------	---------------------	---------------------	------------------

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91026 v3 Mathematics and Statistics 1.1 - Apply numeric reasoning in solving problems Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	1	I	4			Y
A.S. 91027 v4 Mathematics and Statistics 1.2 - Apply algebraic procedures in solving problems Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	1	E	4			Y
A.S. 91028 v3 Mathematics and Statistics 1.3 - Investigate relationships between tables, equations and graphs Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Creative Industries: 4	1	E	4			Y
A.S. 91031 v4 Mathematics and Statistics 1.6 - Apply geometric reasoning in solving problems Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Creative Industries: 4	1	E	4			Y
A.S. 91035 v3 Mathematics and Statistics 1.10 - Investigate a given multivariate data set using the statistical enquiry cycle Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Social & Community Services: 4	1	I	4	Y		Y
		Total Credits	20	4	0	20

Total Credits Available: 20 credits.

Externally Assessed Credits: 12 credits.

Internally Assessed Credits: 8 credits.

NCEA Level 1 Mathematics with Statistics

1MSTA



Course Description

Head of Faculty - Kaihautuu: Mark Perrigo

Statistics is the exploration and use of patterns and relationships in data. Statistics requires different ways of thinking and skills for solving problems. Students will need to investigate, interpret, explain, and make sense of the world in which they live.

Students will learn to make sense of information by interpreting the data using analytical tools. The analysis template (PPDAC) provides a framework for making decisions and providing advice. These skills are particularly sort after in today's information driven world. The ability to solve problems and provide solutions is a key skill which can be applied in most organisations.

Learning Areas:

[Mathematics](#)

Pathway

[NCEA Level 2 Mathematics with Statistics](#)

Credit Information

This course is eligible for subject endorsement.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91026 v3 Mathematics and Statistics 1.1 - Apply numeric reasoning in solving problems Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	1	I	4			Y
A.S. 91035 v3 Mathematics and Statistics 1.10 - Investigate a given multivariate data set using the statistical enquiry cycle Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Social & Community Services: 4	1	I	4	Y		Y
A.S. 91036 v3 Mathematics and Statistics 1.11 - Investigate bivariate numerical data using the statistical enquiry cycle Primary Industries: 3 Services Industries: 3 Social & Community Services: 3 Creative Industries: 3	1	I	3	Y		Y
A.S. 91037 v4 Mathematics and Statistics 1.12 - Demonstrate understanding of chance and data Primary Industries: 4 Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	1	E	4			Y
A.S. 91038 v3 Mathematics and Statistics 1.13 - Investigate a situation involving elements of chance Primary Industries: 3 Services Industries: 3 Creative Industries: 3	1	I	3	Y		Y
Total Credits			18	10	0	18

Total Credits Available: 18 credits.

Externally Assessed Credits: 4 credits.

Internally Assessed Credits: 14 credits.

NCEA Level 2 General Mathematics

2MGEN



Course Description

Head of Faculty - Kaihautuu: Yana Cox

This course is for students who would like a range of understanding of the key skills in mathematics. This course allows students to develop problem-solving skills and think about the application of mathematics in a range of realistic contexts.

Students who Study Level 2 General Maths will gain a good overview of Algebra and Calculus, Geometry, and Statistics and how they applies to the world around them. Level 2 Maths general creates opportunities for students to continue their study of mathematics into year 13 and provides a strong foundation in mathematics to support further study in a range of areas.

The course consists of 4 internals assessments and 2 external assessments.

Learning Areas:

[Mathematics](#)

Pathway

[NCEA Level 3 Calculus](#), [NCEA Level 3 General Mathematics](#), [NCEA Level 3 Statistics](#)

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91256 v3 Mathematics and Statistics 2.1 - Apply co-ordinate geometry methods in solving problems Construction & Infrastructure: 2 Manufacturing & Technology: 2 Services Industries: 2 Creative Industries: 2	2	I	2			Y
A.S. 91259 v3 Mathematics and Statistics 2.4 - Apply trigonometric relationships in solving problems Construction & Infrastructure: 3 Manufacturing & Technology: 3 Creative Industries: 3	2	I	3			Y
A.S. 91262 v3 Mathematics and Statistics 2.7 - Apply calculus methods in solving problems Construction & Infrastructure: 5 Manufacturing & Technology: 5 Primary Industries: 5	2	E	5			Y
A.S. 91264 v3 Mathematics and Statistics 2.9 - Use statistical methods to make an inference Primary Industries: 4 Services Industries: 4 Social & Community Services: 4	2	I	4	Y		Y
A.S. 91267 v3 Mathematics and Statistics 2.12 - Apply probability methods in solving problems Primary Industries: 4 Services Industries: 4 Social & Community Services: 4	2	E	4	Y		Y
A.S. 91269 v3 Mathematics and Statistics 2.14 - Apply systems of equations in solving problems Construction & Infrastructure: 2 Manufacturing & Technology: 2 Creative Industries: 2	2	I	2			Y
Total Credits			20	8	0	20

Total Credits Available: 20 credits.

Externally Assessed Credits: 9 credits.

Internally Assessed Credits: 11 credits.

NCEA Level 2 Mathematics with Algebra

2MMAT

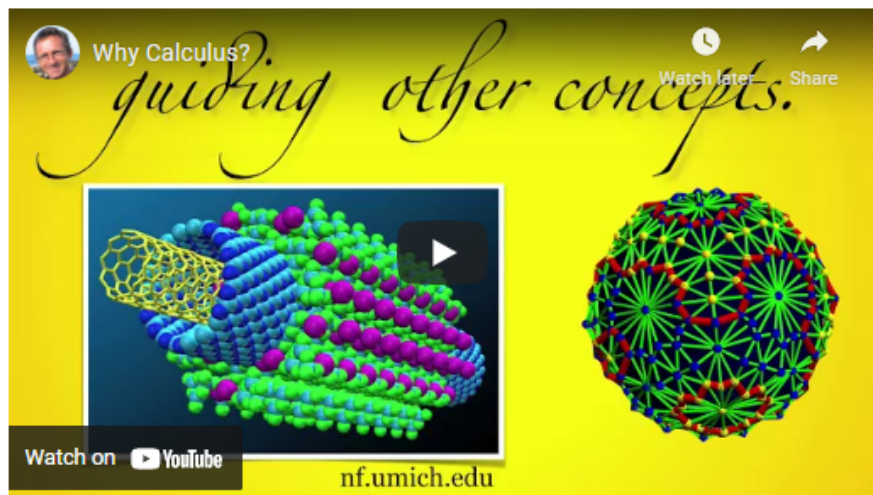


Course Description

Head of Faculty - Kaihautuu: Yana Cox

This course is for students who wish to be extended in their learning of mathematics. With a focus on algebra and calculus this course allows students to develop their critical thinking and problem solving and how to apply mathematics to solve complex problems.

This course develops students higher level thinking and ability to solve problems, spot patterns and make generalisations. Students should pick this course if they wish to continue their study of maths to a higher level or have plans to go into professions involving mathematics, science or engineering. Students will be introduced to Calculus which is a very powerful tool that mathematicians use to model situations and solve problems. Students will also develop deeper understanding of algebra and how it relates to other areas of mathematics.



Learning Areas:

[Mathematics](#)

Pathway

[NCEA Level 3 Calculus](#), [NCEA Level 3 General Mathematics](#), [NCEA Level 3 Statistics](#)

Credit Information

This course is eligible for subject endorsement.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91256 v3 Mathematics and Statistics 2.1 - Apply co-ordinate geometry methods in solving problems Construction & Infrastructure: 2 Manufacturing & Technology: 2 Services Industries: 2 Creative Industries: 2	2	I	2			Y
A.S. 91257 v3 Mathematics and Statistics 2.2 - Apply graphical methods in solving problems Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Creative Industries: 4	2	I	4			Y
A.S. 91259 v3 Mathematics and Statistics 2.4 - Apply trigonometric relationships in solving problems Construction & Infrastructure: 3 Manufacturing & Technology: 3 Creative Industries: 3	2	I	3			Y
A.S. 91261 v3 Mathematics and Statistics 2.6 - Apply algebraic methods in solving problems Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4	2	E	4			Y
A.S. 91262 v3 Mathematics and Statistics 2.7 - Apply calculus methods in solving problems Construction & Infrastructure: 5 Manufacturing & Technology: 5 Primary Industries: 5	2	E	5			Y
Total Credits			18	0	0	18

Total Credits Available: 18 credits.

Externally Assessed Credits: 9 credits.

Internally Assessed Credits: 9 credits.

NCEA Level 2 Mathematics with Statistics

2MSTA



Course Description

Head of Faculty - Kaihautuu: Steven White

Statistical knowledge helps you use proper methods to collect data, employ correct analyses, and effectively present the results. Statistics is a crucial process behind how we make discoveries in other subject areas. This subject develops the student's ability to make decisions based on data, and make predictions based on this information. Statistics allows you to understand a subject much more deeply.

Students develop the ability to understand how data is collect and used to both inform and influence decisions, this helps understand data and information they encounter in the world around. Critical thinking skills are developed along with the ability to investigate data and use tools to find the answer the unknown dilemmas. Students are expected to write reports around their findings, and will develop their analytical writing skills along with their statistical understanding.

It is recommended that students bring their own device to school for this subject

Learning Areas:

[Mathematics](#)

Pathway

[NCEA Level 3 Statistics](#)

Credit Information

This course is eligible for subject endorsement.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91260 v3 Mathematics and Statistics 2.5 - Apply network methods in solving problems Construction & Infrastructure: 2 Manufacturing & Technology: 2 Primary Industries: 2 Services Industries: 2 Social & Community Services: 2 Creative Industries: 2	2	I	2			Y
A.S. 91263 v3 Mathematics and Statistics 2.8 - Design a questionnaire Primary Industries: 3 Services Industries: 3 Social & Community Services: 3 Creative Industries: 3	2	I	3	Y		Y
A.S. 91265 v3 Mathematics and Statistics 2.10 - Conduct an experiment to investigate a situation using statistical methods Construction & Infrastructure: 3 Manufacturing & Technology: 3 Primary Industries: 3 Services Industries: 3 Social & Community Services: 3 Creative Industries: 3	2	I	3	Y		Y
A.S. 91267 v3 Mathematics and Statistics 2.12 - Apply probability methods in solving problems Primary Industries: 4 Services Industries: 4 Social & Community Services: 4	2	E	4	Y		Y
A.S. 91282 v2 Social Studies 2.4 - Describe personal involvement in a social action related to rights and responsibilities Services Industries: 5 Social & Community Services: 5 Creative Industries: 5	2	I	5	Y		
Total Credits			17	15	0	12

Total Credits Available: 17 credits.

Externally Assessed Credits: 4 credits.

Internally Assessed Credits: 13 credits.

NCEA Level 3 Calculus

3MCAL



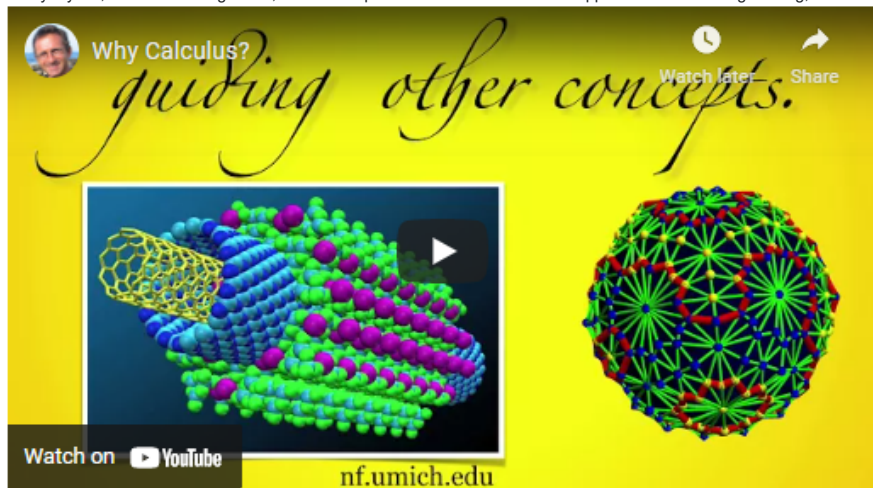
Course Description

Head of Faculty - Kaihautuu: Sukhjot Kaur

Recommended Prior Learning

It is recommended that to study Calculus at level 3 that you have achieved at least 12 credits in level 2 mathematics at a merit level or above.

Calculus is the study of how things change. It provides a framework for modelling systems in which there is change, and a way to deduce the predictions of such models. It develops the ability to think and solve problems. By studying calculus students learn to structure, to organise and to carry out procedures flexibly and accurately, to process and communicate information, and to enjoy intellectual challenge. They also learn to create models and predict outcomes, to conjecture, to justify and verify, and to seek patterns and generalisations. They get insight in to estimate with reasonableness, calculate with precision, and understand when results are precise and when they must be interpreted with uncertainty. Mathematics and statistics have a broad range of practical applications in everyday life, in other learning areas, and in workplaces. Some of the areas of applications are in Engineering, Medical science, Research Analysis, Graphics, Chemistry, Physics.



Learning Areas:

[Mathematics](#)

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91575 v2 Mathematics and Statistics 3.3 - Apply trigonometric methods in solving problems Construction & Infrastructure: 4 Manufacturing & Technology: 4	3	I	4		*	Y
A.S. 91578 v2 Mathematics and Statistics 3.6 - Apply differentiation methods in solving problems Construction & Infrastructure: 6 Manufacturing & Technology: 6 Primary Industries: 6 Social & Community Services: 6	3	E	6		*	Y
A.S. 91579 v2 Mathematics and Statistics 3.7 - Apply integration methods in solving problems Construction & Infrastructure: 6 Manufacturing & Technology: 6 Primary Industries: 6	3	E	6		*	Y
A.S. 91587 v2 Mathematics and Statistics 3.15 - Apply systems of simultaneous equations in solving problems Construction & Infrastructure: 3 Manufacturing & Technology: 3 Primary Industries: 3	3	I	3		*	Y
Total Credits			19	0	0	19

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 19

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 19 credits.

Externally Assessed Credits: 12 credits.

Internally Assessed Credits: 7 credits.

NCEA Level 3 General Mathematics

3MGEN



Course Description

Head of Faculty - Kaihautuu: Amy Price-Williams

This course is for students who wish to continue their study of mathematics, but do not wish to specialise in Calculus or Statistics. Students will cover a range of Mathematics and Statistics topics, consisting of three internal in class tests, a statistical report and one external.

Students will develop their skills in statistical analysis, mathematical reasoning and communication of ideas. They will work both individually and in groups using a range of technology to further their understanding and see the relevance of their learning in a real life context.

It is recommended that students have their own device for this subject.

Learning Areas:

[Mathematics](#)

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91574 v2 Mathematics and Statistics 3.2 - Apply linear programming methods in solving problems Construction & Infrastructure: 3 Manufacturing & Technology: 3 Primary Industries: 3	3	I	3		*	Y
A.S. 91576 v2 Mathematics and Statistics 3.4 - Use critical path analysis in solving problems Construction & Infrastructure: 2 Primary Industries: 2 Social & Community Services: 2	3	I	2		*	Y
A.S. 91580 v2 Mathematics and Statistics 3.8 - Investigate time series data Primary Industries: 4 Social & Community Services: 4	3	I	4	Y	*	Y
A.S. 91585 v2 Mathematics and Statistics 3.13 - Apply probability concepts in solving problems Primary Industries: 4 Services Industries: 4 Social & Community Services: 4	3	E	4		*	Y
A.S. 91587 v2 Mathematics and Statistics 3.15 - Apply systems of simultaneous equations in solving problems Construction & Infrastructure: 3 Manufacturing & Technology: 3 Primary Industries: 3	3	I	3		*	Y
Total Credits			16	4	0	16

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: **16**

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 16 credits.

Externally Assessed Credits: 4 credits.

Internally Assessed Credits: 12 credits.

NCEA Level 3 Statistics

3MSTA



Course Description

Head of Faculty - Kaihautuu: Steven White

This course will develop a students ability to analyse data and think critically about the information in contains. Students will learn to manage their time to conduct week long investigations and submit statistical reports. Students will work in groups to develop the necessary skills required for communicating statistical ideas. Students will be expected to write reports on their findings, helping them to develop their analytical writing skills.

The course covers three main areas: Statistics, probability and mathematics. The internally assessed topics involve extensive use of statistical software. Processes include reasoning and communication. The emphasis is on data handling and decision making in a variety of contexts such as business, science, medicine and social science.

It is recommended that students have their own device for this subject.

Learning Areas:

[Mathematics](#)

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91574 v2 Mathematics and Statistics 3.2 - Apply linear programming methods in solving problems Construction & Infrastructure: 3 Manufacturing & Technology: 3 Primary Industries: 3	3	I	3		*	Y
A.S. 91580 v2 Mathematics and Statistics 3.8 - Investigate time series data Primary Industries: 4 Social & Community Services: 4	3	I	4	Y	*	Y
A.S. 91581 v2 Mathematics and Statistics 3.9 - Investigate bivariate measurement data Primary Industries: 4	3	I	4	Y	*	Y
A.S. 91585 v2 Mathematics and Statistics 3.13 - Apply probability concepts in solving problems Primary Industries: 4 Services Industries: 4 Social & Community Services: 4	3	E	4		*	Y
A.S. 91586 v2 Mathematics and Statistics 3.14 - Apply probability distributions in solving problems Primary Industries: 4 Services Industries: 4 Social & Community Services: 4	3	E	4		*	Y
Total Credits			19	8	0	19

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: **19**

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 19 credits.

Externally Assessed Credits: 8 credits.

Internally Assessed Credits: 11 credits.



NCEA Level 1 Agricultural and Horticultural Science

1SAGH



Course Description

Head of Faculty - Kaihautuu: Meghan Ashford

NB: When selecting this option course you are also required to select another science course, either 1SSCC - Level 1 Science in Context OR 1SGEN- Level 1 Science General.

In Level 1 Agricultural and Horticultural Science, students will learn about soil science, pasture and crop management, animal husbandry and animal handling skills, health and safety in the rural work place, practical skills used in agricultural or horticultural production, geographic distribution of agriculture and horticulture in New Zealand, the environmental impact of agriculture and horticulture in New Zealand, plant husbandry and management practices.

This subject is for students interested in understanding plant and animal production systems in New Zealand. It involves some practical work which covers the key areas associated with crop production, plant reproduction and animal growth and development.



Course Overview

Term 1

Geographic distribution of agricultural and horticultural primary production in NZ
Basic plant propagation techniques

Term 2

Soil management practices
Impact on the environment of primary production management practices

Term 3

Livestock management practices
Practical skills used in Agriculture - sheep farming
Health & safety in the rural workplace

Learning Areas:

[Science](#)

Pathway

[NCEA Level 2 Agricultural Science](#), [NCEA Level 2 Horticulture](#)

Credit Information

This course is eligible for subject endorsement.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 497 v10 Demonstrate knowledge of workplace health and safety requirements Construction & Infrastructure: 3 Manufacturing & Technology: 3 Primary Industries: 3	1	I	3			
A.S. 90157 v4 Agricultural and Horticultural Science 1.2 - Demonstrate practical skills used in agricultural or horticultural production Primary Industries: 4	1	I	4			
A.S. 90918 v2 Agricultural and Horticultural Science 1.1 - Carry out a practical agricultural or horticultural investigation Primary Industries: 4	1	I	4			Y
A.S. 90919 v3 Agricultural and Horticultural Science 1.3 - Demonstrate knowledge of soil management practices Primary Industries: 4	1	E	4	Y		
A.S. 90920 v2 Agricultural and Horticultural Science 1.4 - Demonstrate knowledge of the geographic distribution of agricultural and horticultural primary production in New Zealand Primary Industries: 3	1	I	3	Y		
Total Credits			23	12	0	4

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90921 v2 Agricultural and Horticultural Science 1.6 - Demonstrate knowledge of livestock management practices Primary Industries: 5	1	E	5	Y		
Total Credits			23	12	0	4

Total Credits Available: 23 credits.
Externally Assessed Credits: 9 credits.
Internally Assessed Credits: 14 credits.

NCEA Level 1 Science General

1SGEN



Course Description

Head of Faculty - Kaihautuu: Meghan Ashford

This course aims to provide students with a solid foundation of fundamental living, physical and material world concepts to prepare them for further science study. Students will investigate and solve problems relating to everyday mechanics phenomena. Students will link atomic structure to the periodic table and investigate factors that affect chemical processes. Students will develop their understanding of genetic inheritance and the importance of variation, while researching how genetic diseases are inherited.

Students who intend to study senior biology, chemistry or physics should take this course. This course is recommended for students wanting a medical or engineering pathway.

Students will be assessed by:

- Three internals: two practical investigations and one report.
- Two externals: these topics will have End of Topic Tests and a final 2 hour exam in November.

Course Overview

Term 1

This term we will do learn about fair testing and how to carry out a Physics investigation. This will involve developing a method, collecting data, processing data and drawing graphs. This will be assessed by a fair test experiment over three days. Then we will start working on the Mechanics external topic which covers motion, forces, conservation of energy, pressure and power.

Term 2

After completing the Mechanics external topic, we will begin learning the Acids and Bases external. This includes atomic structure, acids and base reactions and rates of reaction.

Term 3

We will then complete a fair test chemistry investigation looking at how we can increase the rate of a chemical reaction. We will learn about genetics and inheritance. We will develop research and science communication skills as we investigate how genetic diseases are inherited.

Term 4

The Biological Issue internal will be completed and we will revise for externals.

Learning Areas:

[Science](#)

Pathway

[NCEA Level 2 Biology](#), [NCEA Level 2 Chemistry](#), [NCEA Level 2 Earth Science](#), [NCEA Level 2 General Science](#), [NCEA Level 2 Physics](#)

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90926 v3 Biology 1.2 - Report on a biological issue Primary Industries: 3	1	I	3	Y		
A.S. 90930 v3 Chemistry 1.1 - Carry out a practical chemistry investigation, with direction Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4	1	I	4			Y
A.S. 90935 v3 Physics 1.1 - Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Social & Community Services: 4 Creative Industries: 4	1	I	4			Y
A.S. 90940 v3 Science 1.1 - Demonstrate understanding of aspects of mechanics Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	1	E	4			Y
A.S. 90944 v4 Science 1.5 - Demonstrate understanding of aspects of acids and bases Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Creative Industries: 4	1	E	4			
Total Credits			19	3	0	12

Total Credits Available: 19 credits.

Externally Assessed Credits: 8 credits.

Internally Assessed Credits: 11 credits.

Related Videos

https://www.youtube.com/watch?v=wstW5jy_WAU

NCEA Level 1 Science In Context

1SSCC



Course Description

Head of Faculty - Kaihautuu: Meghan Ashford

Students will gain an understanding of important living, physical and material world concepts which occur in their daily lives. Students will build electrical circuits to develop their understanding of the applications of electricity in daily life. Students will develop their understanding of the different factors which affect chemical reactions. Students will develop their research skills as they investigate biological factors which affect humans and how genetic information is passed onto offspring.

Through a range of practical science investigations students will develop their self-management and ability to communicate with others. Students will develop critical thinking skills as they link observations to theory and their daily lives. Students will explore the use of a range of scientific symbols and vocabulary.

This course is suitable for students who intend to study one senior science course. It is recommended that students who wish to pursue an engineering or medical tertiary pathway take 1SGEN instead.

Students will be assessed by:

- Four internals: three practical investigations with a report and one research report.
- One external: this topics will have an End of Topic Test and a final exam in November.

Course Overview

Term 1

This term we will do learn about fair testing and how to carry out a Physics investigation. This will involve developing a method, collecting data, processing data and drawing graphs. This will be assessed by a fair test experiment over three days. Then we will start working on the Electricity internal where we will build series and parallel circuits.

Term 2

After completing the Electricity internal we will learn about genetics and inheritance. We will develop research and science communication skills as we investigate how genetic diseases are inherited.

Term 3

We will begin learning the Acids and Bases external. This includes atomic structure, acids and base reactions and rates of reaction. We will then complete a fair test chemistry investigation looking at how we can increase the rate of a chemical reaction

Term 4

We will revise for the Acids and Bases external.

Learning Areas:

[Science](#)

Pathway

[NCEA Level 2 Earth Science](#), [NCEA Level 2 General Science](#)

If students wish to pathway into 2SBIO, 2SCHE or 2SPHY they are advised to take 1SSCF or choose the corresponding external.

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90926 v3 Biology 1.2 - Report on a biological issue Primary Industries: 3	1	I	3	Y		
A.S. 90930 v3 Chemistry 1.1 - Carry out a practical chemistry investigation, with direction Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4	1	I	4			Y
A.S. 90935 v3 Physics 1.1 - Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Social & Community Services: 4 Creative Industries: 4	1	I	4			Y
A.S. 90941 v3 Science 1.2 - Investigate implications of electricity and magnetism for everyday life Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Creative Industries: 4	1	I	4			Y
A.S. 90944 v4 Science 1.5 - Demonstrate understanding of aspects of acids and bases Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Creative Industries: 4	1	E	4			
Total Credits			19	3	0	12

Total Credits Available: 19 credits.

Externally Assessed Credits: 4 credits.

Internally Assessed Credits: 15 credits.

NCEA Level 2 Agricultural Science

2SAGR



Course Description

Head of Faculty - Kaihautuu: Meghan Ashford

Recommended Prior Learning

L1SAGH - not compulsory but students will do better if they have a good foundation knowledge form Level 1

There will be hands on activities such as practical, field work and experiments. Theory work will involve problem solving and research skills, and there are several skills-based assessments linked to working in the Agriculture sector.

Students will develop their understanding of current Livestock practices in New Zealand and the environmental impact of primary production practices. Students will learn how to handle and treat livestock and the factors affecting livestock growth.

Students will be given optional courses to develop practical skills such as fencing.

As part of this course students also have the opportunity to enroll on the L2 PITO Agriculture course. This is skills based trade academy where students are out on the farm one day a week and will learn practical skills such as setting up fences and irrigation and the movement and treatment of livestock. There are 20 credits available form this course.



Course Overview

Term 1

Demonstrate understanding of interactions between livestock behaviour and NZ commercial management practices.

Factors affecting growth & development in Livestock

Assist with handling and treatment of livestock.

Term 2

Demonstrate understanding of livestock reproductive techniques in commercial production in New Zealand

Factors affecting growth & development in Livestock

Term 3

Report on the environmental impact of the production of a locally produced primary product.

Factors affecting growth & development in Livestock

Learning Areas:

[Science](#)

Pathway

[NCEA Level 3 Agricultural and Horticultural Science](#)

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 2765 v7 Plant trees or shrubs Primary Industries: 5	2	I	5			
U.S. 19114 v3 Assist with handling and treatment of livestock Primary Industries: 6	2	I	6			
U.S. 27213 v2 Identify and interpret agrichemical product information, and describe safety procedures when working with agrichemicals Primary Industries: 5	2	I	5			
A.S. 91293 v2 Agricultural and Horticultural Science 2.5 - Demonstrate understanding of livestock reproductive techniques in commercial production in New Zealand Primary Industries: 4	2	I	4	Y		
A.S. 91294 v3 Agricultural and Horticultural Science 2.6 - Demonstrate understanding of how NZ commercial management practices influence livestock growth and development Primary Industries: 4	2	E	4	Y		
Total Credits			32	16	0	0

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91295 v2 Agricultural and Horticultural Science 2.7 - Demonstrate understanding of interactions between livestock behaviour and NZ commercial management practices Primary Industries: 4	2	I	4	Y		
A.S. 91298 v2 Agricultural and Horticultural Science 2.10 - Report on the environmental impact of the production of a locally produced primary product Primary Industries: 4	2	I	4	Y		
Total Credits			32	16	0	0

Total Credits Available: 32 credits.
Externally Assessed Credits: 4 credits.
Internally Assessed Credits: 28 credits.

NCEA Level 2 Biology

2SBIO



Course Description

Head of Faculty - Kaihautuu: Meghan Ashford

Recommended Prior Learning

It is recommended that students have studied 1SGEN - Year 11 General Science.

Level 2 Biology is a vocabulary heavy, content rich course which is predominantly assessed via written reports or essay-based examination questions. High literacy and comprehension skills are a significant advantage. A personal device is highly recommended to support learning.

The Level 2 Biology course enables students to gain an understanding of fundamental living world concepts to prepare them for further biological study. This course builds on the genetics learning from Level 1 Science, with a more in depth look at inheritance and other factors that influence the phenotypes of organisms. It introduces the biological processes that affect the expression of genes and how life processes occur at the cellular level. Students will investigate through fieldwork patterns in an ecological community and present an internally assessed report upon this. Students will also have the opportunity to research how different organisms have adaptations for life processes that allow them to survive successfully in their habitats. Finally they will learn practically how best to use microscopes; preparing, viewing, and drawing biological material using higher definition.

Course Overview

Term 1

The year starts with the compulsory 4 credit BIO 2.6 Ecology internal introducing basic ecological terminology and concepts. Students will collect data during a field-trip which will then be processed and used to complete the standard as a written report.

All students will then study the basic concepts of cells; this includes the structure and function of key cellular components of plant and animal cells, the structure of cell membranes and the different transportation processes occurring through them. This learning will then be utilised to complete the BIO 2.8 Microscopes internal. Students will use microscopy techniques to prepare and visualise plant and animal tissues and cells, from which they will then prepare biological drawings.

Term 2

Students will complete BIO 2.3 - Adaptations internal (3 credits) researching the internal transport systems of insects, fish and mammals and comparing and contrasting these in a written report. This will conclude the internal credits available for the year.

BIO 2.5 - Genetic Variation is the first 4 credit external standard studied, covering the role of meiosis and mutations in producing variation in gametes as well as the influence of multiple alleles and dihybrid inheritance on variation in offspring, finishing with the effects of natural selection on the variation of characteristics in populations.

Term 3

Students will complete BIO 2.7 - Gene Expression, which is the second 4 credit external standard covered, which introduces the role of DNA and RNA in protein synthesis and how this enables a characteristic to be expressed in an organism. The influence of mutations and the environment on metabolic pathways are introduced and how these create different phenotypes.

Term 4

Revision for the end of year external examinations.

Learning Areas:

[Science](#)

Pathway

[NCEA Level 3 Biology](#), [NCEA Level 3 General Science](#)

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91155 v2 Biology 2.3 - Demonstrate understanding of adaptation of plants or animals to their way of life Primary Industries: 3 Services Industries: 3 Social & Community Services: 3	2	I	3	Y		
A.S. 91157 v2 Biology 2.5 - Demonstrate understanding of genetic variation and change Primary Industries: 4 Social & Community Services: 4	2	E	4	Y	4w	
A.S. 91158 v2 Biology 2.6 - Investigate a pattern in an ecological community, with supervision Primary Industries: 4	2	I	4	Y		
A.S. 91159 v2 Biology 2.7 - Demonstrate understanding of gene expression Primary Industries: 4 Social & Community Services: 4	2	E	4	Y		
A.S. 91160 v2 Biology 2.8 - Investigate biological material at the microscopic level Primary Industries: 3 Services Industries: 3 Social & Community Services: 3	2	I	3			
Total Credits			18	15	4	0

Total Credits Available: 18 credits.

Externally Assessed Credits: 8 credits.

Internally Assessed Credits: 10 credits.

NCEA Level 2 Chemistry

2SCHE



Course Description

Head of Faculty - Kaihautuu: Meghan Ashford

Recommended Prior Learning

It is recommended that students be confident with the 90944 - Acids and Bases standard at Level 1 as this learning is continued in Level 2 Chemistry. This course requires good literacy and numeracy skills.

Through a range of practical chemistry investigations students will develop their self-management and ability to communicate with others. Students will develop critical thinking skills as they link observations to theory. Students will explore the use of a range of scientific symbols and vocabulary.

Students will gain an understanding of fundamental material world concepts to prepare them for further science study. Students will carry out quantitative analysis and solve quantitative problems. They will gain an understanding of oxidation-reduction reaction, explain different types of bonding and structure in solids, study the functional group of organic chemistry and analyse chemical reactivity. They will learn the application of the above in the real world by having hands on activities such as practicals, experiments and demonstrations.

Students who wish to take Level 3 Chemistry, need to take this course.

Course Overview

Term 1

The course will start with Chemistry 2.7 internal standard worth 3 credits which covers the basic oxidation-reduction processes. This involves writing chemistry equations and justifying what is happening in different chemical reactions. This is followed by the Chemistry 2.4 external topic where we look at bonding between the particles of solids and how this affects their properties. A major focus will be covalent solids. This standard requires a high level of literacy.

Term 2

Students will cover the Chemistry 2.1 internal standard worth 4 credits this term. This is a quantitative investigation of a consumer product and involves volumetric analysis practical, calculation and report writing over 4 periods. This is followed by the Chemistry 2.6 chemical reactivity external which re-visits rates of reaction from Level 1, acids and bases, the equilibrium position of a system and application of such systems.

Term 3

Students will cover the Chemistry 2.5 organic chemistry external, which involves identifying different homologous series and their properties. Students will learn reaction schemes, and use chemical reactions to identify different species.

Term 4

Students will complete revision for the external achievement standards.

Learning Areas:

[Science](#)

Pathway

[NCEA Level 3 Chemistry](#), [NCEA Level 3 General Science](#)

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91164 v2 Chemistry 2.4 - Demonstrate understanding of bonding, structure, properties and energy changes Construction & Infrastructure: 5 Manufacturing & Technology: 5 Primary Industries: 5 Social & Community Services: 5	2	E	5	Y		
A.S. 91165 v2 Chemistry 2.5 - Demonstrate understanding of the properties of selected organic compounds Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Social & Community Services: 4	2	E	4	Y		
A.S. 91166 v2 Chemistry 2.6 - Demonstrate understanding of chemical reactivity Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Social & Community Services: 4	2	E	4	Y		
A.S. 91167 v2 Chemistry 2.7 - Demonstrate understanding of oxidation-reduction Construction & Infrastructure: 3 Manufacturing & Technology: 3 Primary Industries: 3 Social & Community Services: 3	2	I	3			
A.S. 91910 v1 Chemistry 2.1 - Carry out a practical investigation into a substance present in a consumer product using quantitative analysis Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4	2	I	4			Y
Total Credits			20	13	0	4

Total Credits Available: 20 credits.

Externally Assessed Credits: 13 credits.

Internally Assessed Credits: 7 credits.

NCEA Level 2 Earth Science

2SSCE



Course Description

Head of Faculty - Kaihautuu: Meghan Ashford

Recommended Prior Learning

It is recommended that students have strong literacy and research skills. We will help to develop these skills over the course.

Students will develop an understanding of the causes of natural hazards using examples around Aotearoa such as the Tarawera eruption. Students will gain investigation skills as they analyse data to deduce complex trends and relationships about rocket flights. Students will analyse the suitability of scientific texts to explain the extinction of dinosaurs. Students will explain nature and life cycles and their interactions with human activity on Earth.

Through a range of practical earth science investigations and research students will develop their self-management and ability to communicate with others. Students will also develop critical thinking skills as they link field work observations to theory. Students will explore the use of a range of scientific symbols and vocabulary.



Learning Areas:

[Science](#)

Pathway

[NCEA Level 3 Earth Science](#), [NCEA Level 3 General Science](#)

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91187 v2 Earth and Space Science 2.1 - Carry out a practical Earth and Space Science investigation Construction & Infrastructure: 4	2	I	4	Y		Y
A.S. 91188 v2 Earth and Space Science 2.2 - Examine an Earth and Space Science issue and the validity of the information communicated to the public Construction & Infrastructure: 4 Social & Community Services: 4	2	I	4	Y		
A.S. 91189 v2 Earth and Space Science 2.3 - Investigate geological processes in a New Zealand locality Construction & Infrastructure: 4	2	I	4	Y		
A.S. 91190 v2 Earth and Space Science 2.4 - Investigate how organisms survive in an extreme environment	2	I	4	Y		
A.S. 91191 v2 Earth and Space Science 2.5 - Demonstrate understanding of the causes of extreme Earth events in New Zealand Construction & Infrastructure: 4 Social & Community Services: 4	2	E	4	Y		
Total Credits			20	20	0	4

Total Credits Available: 20 credits.

Externally Assessed Credits: 4 credits.

Internally Assessed Credits: 16 credits.

NCEA Level 2 General Science

2SGEN



Course Description

Head of Faculty - Kaihautuu: Meghan Ashford

Through a range of practical science investigations students will develop their self-management and ability to communicate with others. Students will develop critical thinking skills as they link observations to theory. Students will explore the use of a range of scientific symbols and vocabulary.

Students will develop an understanding of the causes of natural hazards using examples around Aotearoa such as the Tarawera eruption. Students will investigate patterns in an ecological community and present their findings. Students will develop an understanding of qualitative chemistry and use observations to identify chemical species acting as pollutants, and their impact on humans and the environment. Students will use microscopes to investigate life at the cellular level.

This course provides a pathway for students who wish to continue a broad science learning. This course is not suitable for students wishing to progress into an engineering or medical pathway.

A personal device is highly recommended to support learning.

Course Overview

Term 1

The year starts with the BIO 2.6 Ecology internal, where students will be introduced to basic ecological terminology and concepts. Students will carry out sampling as part of a field trip, with the collected data used to complete the assessed written report.

Students will then investigate the formation of New Zealand's volcanic regions (ESS 2.3), specifically within the Taupo Volcanic Zone. Students will collect geological material in the field to analyse and identify. The observations made by students will then be utilised to write a report on the formation of the region and the impact of volcanic activity on the landscape.

Term 2

Students will undertake a practical investigation (CHEM 2.2) into the identification of ionic species in unknown solutions. Students will identify the pollutants and discuss their impact on humans and the environment.

Term 3

Students will explore the microscope world (BIO 2.8); they will be preparing, analysing, and drawing samples of plant and animal tissues/cells.

Following this, students will complete learning for the external examination on extreme events in New Zealand, this includes volcanoes, tsunamis, and earthquakes. This standard (ESS 2.5) will be externally assessed in November.

Term 4

Revision for the external examination.

Learning Areas:

[Science](#)

Pathway

[NCEA Level 3 General Science](#)

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91158 v2 Biology 2.6 - Investigate a pattern in an ecological community, with supervision Primary Industries: 4	2	I	4	Y		
A.S. 91160 v2 Biology 2.8 - Investigate biological material at the microscopic level Primary Industries: 3 Services Industries: 3 Social & Community Services: 3	2	I	3			
A.S. 91189 v2 Earth and Space Science 2.3 - Investigate geological processes in a New Zealand locality Construction & Infrastructure: 4	2	I	4	Y		
A.S. 91191 v2 Earth and Space Science 2.5 - Demonstrate understanding of the causes of extreme Earth events in New Zealand Construction & Infrastructure: 4 Social & Community Services: 4	2	E	4	Y		
A.S. 91911 v1 Chemistry 2.2 - Carry out an investigation into chemical species present in a sample using qualitative analysis Construction & Infrastructure: 3 Manufacturing & Technology: 3 Primary Industries: 3 Services Industries: 3	2	I	3			
Total Credits			18	12	0	0

Total Credits Available: 18 credits.

Externally Assessed Credits: 4 credits.

Internally Assessed Credits: 14 credits.

NCEA Level 2 Horticulture

2SHOR



Course Description

Head of Faculty - Kaihautuu: Meghan Ashford

Recommended Prior Learning

It is recommended that students have studied 1SAGH.

Students will develop their understanding of agrichemical safety and application, plant propagation and horticulture management practices. Students will learn health and safety skills. Through a range of learning experiences students will develop their understanding of soil management, the environmental impact of horticulture, plant reproduction, growth and development. Students will also develop landscape design skills.

There will be hands-on and practical activities, field work, and experiments. Students will be expected to work in groups and maintain garden beds around the school grounds for the whole year. Students will develop personal responsibility and group-work skills as they manage their garden beds.

Students will work with the teacher to select relevant standards from the selection listed below to gain approximately 20 credits. Students may select a combination of Achievement Standard and Unit Standard assessments.

Students will also have the opportunity to participate in work experience/ taster days with local Horticulture business and growers. This can be used for their future pathways course.



Course Overview

Term 1

School amenity gardens and vegetable gardens - set up and maintain. This is a year long task.
Horticultural investigation on importance of leaves for plants

Term 2

Making new plants from cuttings
Designing landscape plans

Term 3

Germinating seeds
Agrichemical interpretation and safety

Learning Areas:

[Science](#)

Pathway

[NCEA Level 3 Agricultural and Horticultural Science](#)

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 2765 v7 Plant trees or shrubs Primary Industries: 5	2	I	5			
U.S. 21027 v5 Plant and maintain displays of bedding plants Primary Industries: 10	2	I	10			
U.S. 27213 v2 Identify and interpret agrichemical product information, and describe safety procedures when working with agrichemicals Primary Industries: 5	2	I	5			
U.S. 29506 v2 Prepare and propagate plants by cuttings Primary Industries: 5	2	I	5			
U.S. 29508 v2 Sow seeds and monitor germination and emergence Primary Industries: 5	2	I	5			
Total Credits			50	20	0	4

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91289 v2 Agricultural and Horticultural Science 2.1 - Carry out an extended practical agricultural or horticultural investigation Primary Industries: 4	2	I	4	Y		Y
A.S. 91290 v2 Agricultural and Horticultural Science 2.2 - Demonstrate understanding of techniques used to modify physical factors of the environment for NZ plant production Primary Industries: 4	2	E	4	Y		
A.S. 91291 v2 Agricultural and Horticultural Science 2.3 - Demonstrate understanding of advanced plant propagation techniques used for commercial production in New Zealand Primary Industries: 4	2	I	4	Y		
A.S. 91292 v2 Agricultural and Horticultural Science 2.4 - Demonstrate understanding of how management practices influence plant growth and development in NZ commercial production Primary Industries: 4	2	I	4	Y		
A.S. 91296 v2 Agricultural and Horticultural Science 2.8 - Produce a landscape plan Construction & Infrastructure: 4 Primary Industries: 4	2	I	4	Y		
Total Credits			50	20	0	4

Total Credits Available: 50 credits.

Externally Assessed Credits: 4 credits.

Internally Assessed Credits: 46 credits.

NCEA Level 2 Physics

2SPHY



Course Description

Head of Faculty - Kaihautuu: Meghan Ashford

Recommended Prior Learning

It is recommended that students have taken 1SGEN - Science General and were confident in Level 1 Mechanics and Level 1 Algebra.

This course is numeracy rich and requires students to solve algebraic equations. We recommend that students are also taking Mathematics with Algebra.

Students will gain an understanding of fundamental physical world concepts and laws to solve quantitative, real-world, problems. This will prepare them for further study in Physics. Students will develop their understanding of nuclear and atomic physics, mechanics, waves and electromagnetism. They will learn the application of the above in the real world via a range of practical activities, experiments and demonstrations.

In Mechanics students will learn about free-fall, circular motion, inertia, momentum and projectile motion. In Electromagnetism students will learn about DC circuits, electric fields and magnetic fields. In Waves students will learn about how light reflects and refracts in different situations.

This course is essential for students who intend to study Level 3 Physics. Students who intend to study Engineering or Biomedical Science at University should take this course.

Learning Areas:

[Science](#)

Pathway

[NCEA Level 3 General Science](#), [NCEA Level 3 Physics](#)

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91169 v2 Physics 2.2 - Demonstrate understanding of physics relevant to a selected context Construction & Infrastructure: 3 Manufacturing & Technology: 3 Primary Industries: 3 Social & Community Services: 3 Creative Industries: 3	2	I	3	Y		
A.S. 91170 v2 Physics 2.3 - Demonstrate understanding of waves Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Social & Community Services: 4	2	E	4	Y		Y
A.S. 91171 v2 Physics 2.4 - Demonstrate understanding of mechanics Construction & Infrastructure: 6 Manufacturing & Technology: 6 Primary Industries: 6 Social & Community Services: 6	2	E	6	Y		Y
A.S. 91172 v2 Physics 2.5 - Demonstrate understanding of atomic and nuclear physics Manufacturing & Technology: 3 Social & Community Services: 3	2	I	3	Y		
A.S. 91173 v2 Physics 2.6 - Demonstrate understanding of electricity and electromagnetism Construction & Infrastructure: 6 Manufacturing & Technology: 6 Primary Industries: 6	2	E	6	Y		Y
Total Credits			22	22	0	16

Total Credits Available: 22 credits.

Externally Assessed Credits: 16 credits.

Internally Assessed Credits: 6 credits.

Related Videos

<https://www.youtube.com/watch?v=HuZZpJJF71U>

NCEA Level 3 Agricultural and Horticultural Science

3SAGH



Course Description

Head of Faculty - Kaihautuu: Meghan Ashford

Recommended Prior Learning

It is recommended that students have studied 2SAGR and/or 2SHOR.

Students will develop their knowledge of current trends and innovations in the Agriculture and Horticulture Sectors through analysis of a primary production environmental issue. Students will investigate primary production process and factors affecting profitability of a primary product.

There will be experiments as part of the investigation. Students will be expected to complete independent self-directed research on a primary product of their choice.

Course Overview

Term 1

Long term investigation - Potato attributes and uses.

Term 2

Research into the profitability of a NZ primary product. Students can choose the primary product they want to research

Term 3

Environmental issues associated with primary production

Learning Areas:

[Science](#)

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91528 v2 Agricultural and Horticultural Science 3.1 - Carry out an investigation into an aspect of a New Zealand primary product or its production Primary Industries: 4	3	I	4	Y	*	Y
A.S. 91529 v2 Agricultural and Horticultural Science 3.2 - Research and report on the impact of factors on the profitability of a New Zealand primary product Primary Industries: 6	3	I	6	Y	6r,6w *	Y
A.S. 91531 v2 Agricultural and Horticultural Science 3.4 - Demonstrate understanding of how the production process meets market requirements for a New Zealand primary product(s) Primary Industries: 4	3	E	4	Y	4r,4w *	
A.S. 91532 v2 Agricultural and Horticultural Science 3.5 - Analyse a New Zealand primary production environmental issue Primary Industries: 5	3	E	5	Y	5r,5w *	
Total Credits			19	19	15	10

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: **19**

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 19 credits.

Externally Assessed Credits: 9 credits.

Internally Assessed Credits: 10 credits.

NCEA Level 3 Biology

3SBIO



Course Description

Head of Faculty - Kaihautuu: Meghan Ashford

Recommended Prior Learning

It is recommended that students have studied NCEA Level 2 Biology.

Level 3 Biology is a vocabulary heavy, content rich course which is assessed via written reports or essay-based examination questions. The examination questions introduce evidence from a range of biological contexts that may not have been covered in class, students will need to analyse and use the relevant information to support their answer. High literacy and comprehension skills along with critical thinking skills are a significant advantage.

A personal device is highly recommended to support learning.

The Level 3 Biology course enables students to gain an understanding of fundamental living world concepts to prepare them for further biological study at university. Students will use scientific evidence and develop critical thinking skills to link these observations to theory. The course introduces the biological evidence and ideas that explain how an organism's responses provide a selective survival advantage in its niche, the evolutionary processes that lead to speciation, and trends in human evolution. Students will plan, conduct and report on a practical investigation, and through research, explain how and why a mammal maintains a stable internal environment despite fluctuating environmental conditions.

Course Overview

Term 1

The year starts with the 4-credit practical investigation internal where students individually plan, carry out, process and discuss the effect of agricultural chemicals on the heart rate of invertebrates. This involves the use of microscopes and the statistical analysis of the results.

Plant and Animal Responses is the first external standard taught, worth 5 credits. This looks at the different ways plants and animals respond to the living and non-living aspects of their environment and the survival benefit each response produces. A fieldtrip to the Miranda Shorebird centre allows students to experience first-hand the preparation and perils of migration.

Term 2

The 3-credit homeostasis internal focuses on the human thermoregulatory system and how it responds to changing environmental conditions. This standard involves some research and the creation of a portfolio of information which students use during the completion of the written report.

Evolutionary processes leading to speciation is a 4-credit external that builds on from the Level 2 evolution theory and introduces the different ways that new species can be formed, and the patterns seen in evolutionary processes.

Term 3

Human evolution is the third external standard, worth 4 credits. It introduces the anatomical/skeletal differences between apes, human ancestors and modern humans in relation to diet, method of locomotion, tool making ability and speech. Students learn about trends in human biological and cultural evolution, as well as possible dispersal theories based on fossil and DNA evidence.

A trip to Auckland Zoo provides students with the opportunity to put their knowledge into action. They attend two lectures, one on the speciation and evolution of New Zealand's native birds with a tour of the aviaries; the other on human evolution with a tour of the different primates.

Term 4

Revision for the end of year external examinations.

Learning Areas:

[Science](#)

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91601 v2 Biology 3.1 - Carry out a practical investigation in a biological context, with guidance Manufacturing & Technology: 4 Primary Industries: 4 Social & Community Services: 4	3	I	4	Y	*	Y
A.S. 91603 v3 Biology 3.3 - Demonstrate understanding of the responses of plants and animals to their external environment Primary Industries: 5	3	E	5	Y	5r,5w *	
A.S. 91604 v2 Biology 3.4 - Demonstrate understanding of how an animal maintains a stable internal environment Primary Industries: 3 Social & Community Services: 3	3	I	3	Y	3r *	
A.S. 91605 v2 Biology 3.5 - Demonstrate understanding of evolutionary processes leading to speciation Manufacturing & Technology: 4 Primary Industries: 4 Social & Community Services: 4	3	E	4	Y	4r,4w *	
A.S. 91606 v2 Biology 3.6 - Demonstrate understanding of trends in human evolution Primary Industries: 4	3	E	4	Y	4r,4w *	
Total Credits			20	20	16	4

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 20

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 20 credits.

Externally Assessed Credits: 13 credits.

Internally Assessed Credits: 7 credits.

NCEA Level 3 Chemistry

3SCHE



Course Description

Head of Faculty - Kaihautuu: Meghan Ashford

Recommended Prior Learning

It is recommended that students have studied Level 2 Chemistry and passed an external exam. The Level 3 course builds on the concepts from Level 2.

Through a range of practical chemistry investigations students will develop their self-management and ability to communicate with others. Students will develop critical thinking skills as they link observations to theory. Students will explore the use of a range of scientific symbols and vocabulary.

Students will gain an understanding of fundamental material world concepts to prepare them for further science study. Students will develop/modify a plan to carry out a quantitative investigation. They will form links between oxidation-reduction reaction, understand shapes and polarity and properties of molecules, carry out calculations involving thermochemistry, understand structure, properties and reactivity of organic molecules and determine structure of molecules using spectroscopy data. They will learn the application of the above in the real world by having hands on activities such as practicals, experiments and demonstrations.

The Chemistry 3.6 external is an optional course, which students can learn outside of class with teacher support.

Course Overview

Term 1

We start with the 3.1 internal standard which re-visits the skills of volumetric analysis from Level 2. We will do a quantitative investigation looking at the trend in the concentration of Vitamin C. This standard is practical based including calculations and report writing.

Term 2

We will be covering 3.4 particles and thermochemistry. This is a continuation of structure and bonding from Level 2, where students will learn more in depth about trends in the periodic table, covalent molecules and enthalpy changes in chemical reactions.

Term 3

We will learn 3.5 organic chemistry which is the continuation of the organic chemistry from Level 2, looking at how different organic compounds are made and identified including polymers. This will be followed by the 3.2 spectroscopy internal which looks at identifying molecules based on Infrared, Mass Spectroscopy and C13 NMR spectra - this is the science of Border Security! We will then start the 3.7 redox chemistry focusing on electrochemistry and electrolysis which looks at how reactive metals can be extracted from compounds.

Term 4

We will finish the Redox internal and revise for the external exams.

Learning Areas:

[Science](#)

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91387 v2 Chemistry 3.1 - Carry out an investigation in chemistry involving quantitative analysis Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Social & Community Services: 4	3	I	4	Y	*	Y
A.S. 91388 v2 Chemistry 3.2 - Demonstrate understanding of spectroscopic data in chemistry Construction & Infrastructure: 3 Manufacturing & Technology: 3 Primary Industries: 3 Social & Community Services: 3	3	I	3		*	
A.S. 91390 v2 Chemistry 3.4 - Demonstrate understanding of thermochemical principles and the properties of particles and substances Construction & Infrastructure: 5 Manufacturing & Technology: 5 Primary Industries: 5 Social & Community Services: 5	3	E	5	Y	*	
A.S. 91391 v2 Chemistry 3.5 - Demonstrate understanding of the properties of organic compounds Construction & Infrastructure: 5 Manufacturing & Technology: 5 Primary Industries: 5 Services Industries: 5 Social & Community Services: 5	3	E	5	Y	*	
A.S. 91392 v2 Chemistry 3.6 - Demonstrate understanding of equilibrium principles in aqueous systems Construction & Infrastructure: 5 Manufacturing & Technology: 5 Primary Industries: 5 Social & Community Services: 5	3	E	5	Y	*	Y
A.S. 91393 v2 Chemistry 3.7 - Demonstrate understanding of oxidation-reduction processes Construction & Infrastructure: 3 Manufacturing & Technology: 3 Primary Industries: 3 Social & Community Services: 3	3	I	3	Y	*	
Total Credits			25	22	0	9

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 25

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 25 credits.

Externally Assessed Credits: 15 credits.

Internally Assessed Credits: 10 credits.

NCEA Level 3 Earth Science

3SSCE



Course Description

Head of Faculty - Kaihautuu: Meghan Ashford

Recommended Prior Learning

It is suggested that students have studied either 2SSCE - Level 2 Earth and Space Science or 2SGEN - Level 2 General Science.

It is recommended that students have strong literacy and research skills. We will help to develop these skills over the course.

Students will develop an in-depth understanding of the interrelationship between human activities and the geosphere, hydrosphere, atmosphere, and biosphere over time. Through practical work students will analyse ocean acidification. Students will conduct research to critically analyse climate change. Students will explore recent astronomical events or discoveries, showing understanding of the concepts of distance and time, in particular the evolution of the Martian atmosphere.

Through a range of practical earth science investigations and research students will develop their self-management and ability to communicate with others. Students will also develop critical thinking skills as they link field work observations to theory. Students will explore the use of a range of scientific symbols and vocabulary.

Learning Areas:

[Science](#)

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91410 v2 Earth and Space Science 3.1 - Carry out an independent practical Earth and Space Science investigation Construction & Infrastructure: 4	3	I	4	Y	4r *	Y
A.S. 91411 v2 Earth and Space Science 3.2 - Investigate a socio-scientific issue in an Earth and Space Science context Construction & Infrastructure: 4	3	I	4	Y	4r *	
A.S. 91412 v2 Earth and Space Science 3.3 - Investigate the evidence related to dating geological event(s) Construction & Infrastructure: 4	3	I	4	Y	*	
A.S. 91413 v2 Earth and Space Science 3.4 - Demonstrate understanding of processes in the ocean system Construction & Infrastructure: 4	3	E	4	Y	4r,4w *	
A.S. 91415 v2 Earth and Space Science 3.6 - Investigate an aspect of astronomy Construction & Infrastructure: 4	3	I	4	Y	4r *	
Total Credits			20	20	16	4

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: **20**

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 20 credits.

Externally Assessed Credits: 4 credits.

Internally Assessed Credits: 16 credits.

NCEA Level 3 General Science

3SGEN



Course Description

Head of Faculty - Kaihautuu: Meghan Ashford

Recommended Prior Learning

It is recommended that students have studied a science subject at NCEA Level 2.

A personal device is highly recommended to support learning.

Through a range of science investigations students will develop their self-management and ability to communicate with others. Students will develop critical thinking skills as they link observations to theory. Students will explore the use of a range of scientific symbols and vocabulary.

This course will allow students to learn aspects of Biology, Chemistry and Earth and Space Science.

Students will develop understanding of spectroscopy and use spectra to identify different organic compounds. Students will use microscopes to carry out a biology investigation. Students will learn about human evolution and the development of biological features and culture. Students will learn about changes in the ocean and the impact this has on society and ocean chemistry.

This course provides a pathway for students who wish to continue a broad science learning. This course is not suitable for students wishing to progress into an engineering or medical pathway.

Course Overview

Term 1

Students will begin the year by conducting a practical investigation using microscopy techniques. Students will be using invertebrates to determine the impact of agricultural fertilisers on aquatic organisms. Their findings will be presented in an investigative report.

Term 2

Students will investigate the impacts the climate change has on ocean acidification. Students will analyse the impact from a socio-scientific perspective, as well as a chemistry one. Submission of a written report will be used to assess against two Achievement Standards (ESS 3.2 and CHEM 3.3).

Term 3

Students will learn about chemical spectra and apply these concepts to identifying unknown compounds. Students will then prepare the external standard (BIO 3.6), which looks at human evolution. Students will become familiar with human ancestors, biological development, cultural development, and the migration of human populations around the world. This standard will be assessed externally in November.

Term 4

Preparation for the external examination.

Learning Areas:

[Science](#)

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91388 v2 Chemistry 3.2 - Demonstrate understanding of spectroscopic data in chemistry Construction & Infrastructure: 3 Manufacturing & Technology: 3 Primary Industries: 3 Social & Community Services: 3	3	I	3		*	
A.S. 91389 v2 Chemistry 3.3 - Demonstrate understanding of chemical processes in the world around us Construction & Infrastructure: 3 Manufacturing & Technology: 3 Primary Industries: 3 Social & Community Services: 3	3	I	3	Y	3r,3w *	
A.S. 91411 v2 Earth and Space Science 3.2 - Investigate a socio-scientific issue in an Earth and Space Science context Construction & Infrastructure: 4	3	I	4	Y	4r *	
A.S. 91601 v2 Biology 3.1 - Carry out a practical investigation in a biological context, with guidance Manufacturing & Technology: 4 Primary Industries: 4 Social & Community Services: 4	3	I	4	Y	*	Y
A.S. 91606 v2 Biology 3.6 - Demonstrate understanding of trends in human evolution Primary Industries: 4	3	E	4	Y	4r,4w *	
Total Credits			18	15	11	4

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 18

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 18 credits.

Externally Assessed Credits: 4 credits.

Internally Assessed Credits: 14 credits.

NCEA Level 3 Physics

3SPHY



Course Description

Head of Faculty - Kaihautuu: Meghan Ashford

Recommended Prior Learning

It is recommended that students have gained at least 16 credits at NCEA Level 2 Physics as this Level 3 course builds on Level 2.

This course is numeracy rich and requires students to use algebraic skills. We recommend that students take this course with Calculus.

Students will develop their understanding of physical world concepts and laws to solve quantitative, real-world, problems. This will prepare them for further study in Physics as they build knowledge on how physics laws have evolved over the past. Students will develop their understanding of modern physics, mechanical systems, wave systems and electrical systems.

They will learn the application of the above in the real world via a range of practical activities, experiments and demonstrations.

This course is suitable for students who wish to pursue further study in Physics, such as through Engineering or Biomedical Science. Please note that some universities require Engineering students to have passed all 3 external exams.

Learning Areas:

[Science](#)

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91521 v2 Physics 3.1 - Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship Construction & Infrastructure: 4 Manufacturing & Technology: 4 Social & Community Services: 4	3	I	4	Y	*	
A.S. 91523 v2 Physics 3.3 - Demonstrate understanding of wave systems Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Social & Community Services: 4	3	E	4	Y	*	
A.S. 91524 v2 Physics 3.4 - Demonstrate understanding of mechanical systems Construction & Infrastructure: 6 Manufacturing & Technology: 6 Primary Industries: 6 Social & Community Services: 6	3	E	6	Y	*	
A.S. 91526 v2 Physics 3.6 - Demonstrate understanding of electrical systems Construction & Infrastructure: 6 Manufacturing & Technology: 6 Primary Industries: 6 Social & Community Services: 6	3	E	6	Y	*	
Total Credits			20	20	0	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 20

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 20 credits.

Externally Assessed Credits: 16 credits.

Internally Assessed Credits: 4 credits.

Related Videos

<https://www.youtube.com/watch?v=HuZZpJJF71U>



NCEA Level 1 Geography

1ZGEO



Course Description

Head of Faculty - Kaihautuu: Sharon Grass



What capabilities will I develop?

You will develop your writing, oral and visual skills to communicate information to others. You will show your ability to apply Geographic concepts to explain issues and patterns backed by evidence and diagrams and produce texts of all kinds. You will be encouraged to develop a can-do attitude through self-motivation. You will interact with others effectively in groups, gathering data and showing understanding of viewpoints on issues. These strategies will allow you to be an active member of society showing an understanding of responsibilities in social, cultural and environmental situations. You will learn to read maps and diagrams as well as use data to construct and interpret various graphs, maps and images.

What knowledge will I develop?

You explore current Geographic issues which affect our world that result from the interaction between Humans and the Environment with a focus on water. You will discover the Global pattern of water. You will be conducting research around our school to see how accurate MetService data is for Pukekohe compared to our own measurements at school. You will be looking at the Contemporary Geographic issue of the use of vehicles on Karioitahi beach. Your external exam will cover the Extreme Natural Event of the 2009 Samoan Tsunami and you will also apply Geographic skills.

Learning Areas:

[Social Sciences](#)

Pathway

[NCEA Level 2 Geography](#), [NCEA Level 3 Geography](#)

L2-3 Geography

Ability to also do Classical studies or History at Level 3 if you show the writing skills required.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91007 v3 Geography 1.1 - Demonstrate geographic understanding of environments that have been shaped by extreme natural event(s) Primary Industries: 4 Services Industries: 4	1	E	4	Y		
A.S. 91010 v2 Geography 1.4 - Apply concepts and basic geographic skills to demonstrate understanding of a given environment Construction & Infrastructure: 4 Primary Industries: 4 Services Industries: 4 Creative Industries: 4	1	E	4			Y
A.S. 91011 v3 Geography 1.5 - Conduct geographic research, with direction Primary Industries: 4 Services Industries: 4	1	I	4	Y		Y
A.S. 91012 v3 Geography 1.6 - Describe aspects of a contemporary New Zealand geographic issue Services Industries: 3 Social & Community Services: 3 Creative Industries: 3	1	I	3	Y		
A.S. 91013 v2 Geography 1.7 - Describe aspects of a geographic topic at a global scale Primary Industries: 3 Services Industries: 3 Creative Industries: 3	1	I	3	Y		
Total Credits			18	14	0	8

Total Credits Available: 18 credits.

Externally Assessed Credits: 8 credits.

Internally Assessed Credits: 10 credits.

NCEA Level 1 History

1ZHis



Course Description

Head of Faculty - Kaihautuu: Sharon Grass

Recommended Prior Learning

Completion of Y10 Social Studies

History fires students' curiosity and imagination

It invites students to ask, and helps them answer, today's questions by engaging with the past and imagining and speculating on possible futures.

History presents students with the dilemmas, choices, and beliefs of people in the past.

It connects students with the wider world as they develop their own identities and sense of place. Students engage with history at personal, local, and international levels. They investigate the histories of their communities, New Zealand, and the wider world.

History is a research-led discipline

Through this study students will develop skills in research, interpretation, evaluation, historical empathy and analysis. You will also be encouraged to examine each event/time period we study to evaluate its significance to New Zealand society today.

An awareness of history inspires students to become confident, questioning, and empathetic individuals.

History is dynamic and exciting

This level one course is designed to give students a small insight into the world around them through the study of historical events, developments, themes and movements. They will specifically look at events that have shaped New Zealand's future such as **The 1981 Springbok Tour Protests**, the **Apartheid in South Africa** and the fight for **Black Civil Rights in America**. The key theme for the year is around Race Relations and Protest

Course Overview

Term 1

The 1981 Springbok Rugby Tour of New Zealand.

This unit will look at South Africa and the racial policy of Apartheid. You will learn about the various protests that occurred throughout New Zealand during the Springbok Tour and the cause and consequence of these protest. You will develop and understanding of the different Perspectives of those involved in the protests and the organisers and supporters of the tour.

Term 2

Research into a New Zealand Protest.

This unit will develop your research skills and accessing the reliability and usefulness of various sources.

There will be student choice over the protest movement they research within the New Zealand context.

Term 3

Black Civil Rights Movement

This unit covers reasons for the Civil Rights Movement (slavery, segregation, KKK), forms the Civil Rights Movement took (Montgomery Bus Boycott, Freedom Rides, Martin Luther King, Black Power and the Black Panthers) and describe the success of the movement. Students will also evaluate the significance of the Black Civil Rights Movement on New Zealanders.

Term 4

Focus on preparing for the external exams.

Learning Areas:

[Social Sciences](#)

Pathway

[NCEA Level 2 Classical Studies](#), [NCEA Level 2 History](#)

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91001 v3 History 1.1 - Carry out an investigation of an historical event, or place, of significance to New Zealanders Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	1	I	4	Y		
A.S. 91002 v3 History 1.2 - Demonstrate understanding of an historical event, or place, of significance to New Zealanders Services Industries: 4 Creative Industries: 4	1	I	4	Y		
A.S. 91003 v3 History 1.3 - Interpret sources of an historical event of significance to New Zealanders Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	1	E	4	Y		
A.S. 91004 v3 History 1.4 - Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	1	I	4	Y		
A.S. 91005 v3 History 1.5 - Describe the causes and consequences of an historical event Creative Industries: 4	1	E	4	Y		
Total Credits			20	20	0	0

Total Credits Available: 20 credits.

Externally Assessed Credits: 8 credits.

Internally Assessed Credits: 12 credits.

NCEA Level 1 Social Science Studies

1ZSSS



Course Description

Head of Faculty - Kaihautuu: Sharon Grass

Recommended Prior Learning

Year 10 Social Studies

This subject consists of two subjects within the Social Sciences learning area including People and Society and Classical Studies.

The aim of this course is to give students a taste of the various areas for future selection and to have a varied and interesting course.

Topics include:

- Students get to explore the **ancient world**, by demonstrating links between the classical world and present-day society through an inquiry into the Baths of Caracalla vs. Franklin Leisure centre.
- Students will personally participate in a **social action** relating to social justice and human rights by completing the 40hr famine.
- Students will explore a **human rights issue** and its impacts on society.

Learning Areas:

[Social Sciences](#)

Pathway

[NCEA Level 2 Classical Studies](#), [NCEA Level 2 Geography](#), [NCEA Level 2 History](#), [NCEA Level 2 People and Society](#), [NCEA Level 2 Psychology](#), [NCEA Level 2 Tourism](#)

Completing and passing this course allows you to pick up other social science department subjects at level 2.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91025 v2 Classical Studies 1.5 - Demonstrate understanding of links between aspects of the classical world and another culture Creative Industries: 6	1	I	6	Y		
A.S. 91039 v3 Social Studies 1.1 - Describe how cultures change Primary Industries: 4 Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	1	E	4	Y		
A.S. 91042 v3 Social Studies 1.4 - Report on personal involvement in a social justice and human rights action Services Industries: 4 Social & Community Services: 4	1	I	4	Y		
A.S. 91043 v2 Social Studies 1.5 - Describe a social justice and human rights action Primary Industries: 4 Services Industries: 4 Social & Community Services: 4	1	I	4	Y		
Total Credits			18	18	0	0

Total Credits Available: 18 credits.

Externally Assessed Credits: 4 credits.

Internally Assessed Credits: 14 credits.

NCEA Level 2 Classical Studies

2ZCLS



Course Description

Head of Faculty - Kaihautuu: Sharon Grass

Classical Studies is our look into the ancient world. To understand ourselves, and our place in a bi-cultural society, we need to know about the societies that have laid the foundations for the world in which we live.

Classical studies is the study of the people, places, and events of the classical world and how they influence the modern world. Classical studies is an interdisciplinary subject: students engage with literature, languages, art, history, science, technology, religion, and philosophy.

Students explore community, cultural identity, values, and perspectives and think critically about human behaviour and relationships to appreciate the civilisations of ancient Greece and Rome, understand the past and the present, and to imagine possible futures.

Level 2 Classical Studies focuses mainly on the Ancient Greek world.

The Level 2 topics covered in past years:

- A basic introduction to the Ancient Greek world - religion, society, culture, myth, gods/goddesses and beyond.
- Connections to the ancient world and Aotearoa
- A study on Pompeii - a Roman context
- Oedipus The King - Ancient Greek Tragedy
- Herakles - Ancient Greek Tragedy
- Greek Theatre
- Greek Art & Architecture

Course Overview

Term 1

Introduction to the Ancient Greek World

A unit on the Mt. Vesuvius eruption at Pompeii - 91202 v3 Classical Studies 2.3 - Demonstrate understanding of a significant event in the classical world

Term 2

Ancient Greek Theatre, focusing on Oedipus the King as an ancient Greek Tragedy.

This will work towards the internal, 91204 v2 Classical Studies 2.5 - Demonstrate understanding of the relationship between aspects of the classical world and aspects of other cultures

Term 3

Introduction to Greek Art and Architecture

Term 4

Exam preparation

Learning Areas:

[Social Sciences](#)

Contributions and Equipment/Stationery

Personal Device (Laptop) or 2B5

Assessment Information

Assessments will be completed as written reports.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91200 v2 Classical Studies 2.1 - Examine ideas and values of the classical world Creative Industries: 4	2	E	4	Y	4r,4w	
A.S. 91201 v2 Classical Studies 2.2 - Examine the significance of features of work(s) of art in the classical world Creative Industries: 4	2	E	4	Y	4r,4w	
A.S. 91202 v3 Classical Studies 2.3 - Demonstrate understanding of a significant event in the classical world Creative Industries: 4	2	I	4	Y	4r	
A.S. 91204 v2 Classical Studies 2.5 - Demonstrate understanding of the relationship between aspects of the classical world and aspects of other cultures Creative Industries: 6	2	I	6	Y	6r	
Total Credits			18	18	18	0

Total Credits Available: 18 credits.

Externally Assessed Credits: 8 credits.

Internally Assessed Credits: 10 credits.

Related Videos

<https://www.youtube.com/watch?v=6bDrYTXQLu8&t=1s>

NCEA Level 2 Geography

2ZGEO



Course Description

Head of Faculty - Kaihautuu: Sharon Grass

What capabilities will I develop?

You will develop your writing, oral and visual skills to communicate information to others. Your writing will display your ability to make statements that are well explained and backed by evidence and diagrams. You will show your ability to apply Geographic concepts to explain issues and patterns and produce texts of all kinds. You will be encouraged to develop a can-do attitude through self-motivation. Planning, and setting goals at a high standard, will enable you to meet any challenge. You will interact with others effectively in groups, gathering data and showing understanding of viewpoints on issues. Through this, together you will apply new ways of thinking, problem solving and making suggestions for future situations. These strategies will allow you to be an active member of society, showing an understanding of responsibilities in social, cultural and environmental situations. The subject will enable you to consider both the physical science and human environment to help apply geographic thinking skills and ensure a sustainable approach to global issues.

What knowledge will I develop?

You will investigate current Geographic processes and issues using Geographic skills and concepts, to show your understanding of the interactions between cultural and human environments. During Term 1 you will visit Tongariro and study the large natural environment of Tongariro. You will conduct a research project in Tongariro. For the contemporary issue we will discover how Sunset Beach-Port Waikato is disappearing and how it impacts the cultural sustainability of the community. You will study the global pattern of mountains ranges.

Course Overview

Term 1

We will visit Rotorua for the research paper.

Term 2

Study the global pattern of urban settlements. We will describe the temporal and spatial pattern of urban settlements, the factors and processes that contributed to the global pattern and the significance of urban settlements on people.

Term 3

Study the differences in development. Development refers to the standard of living and quality of life of people. Living standards and quality of life vary spatially, and undergo change, at the individual, local, national, and global scales. The topic will lead to the external paper at the end of the year.

Term 4

You will explain how Sunset Beach-Port Waikato is disappearing and how it impacts the cultural sustainability of the community. You will provide a recommended course of action with reasons for the chosen action.

Learning Areas:

[Social Sciences](#)

Pathway

[NCEA Level 3 Geography](#)

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91426 v2 Geography 3.1 - Demonstrate understanding of how interacting natural processes shape a New Zealand geographic environment Primary Industries: 4 Services Industries: 4	3	E	4	Y	4r,4w *	
A.S. 91429 v2 Geography 3.4 - Demonstrate understanding of a given environment(s) through selection and application of geographic concepts and skills Construction & Infrastructure: 4 Primary Industries: 4 Services Industries: 4	3	E	4	Y	4r,4w *	
A.S. 91430 v2 Geography 3.5 - Conduct geographic research with consultation Services Industries: 5	3	I	5	Y	*	Y
A.S. 91431 v2 Geography 3.6 - Analyse aspects of a contemporary geographic issue Services Industries: 3 Social & Community Services: 3 Creative Industries: 3	3	I	3	Y	3r *	
A.S. 91432 v2 Geography 3.7 - Analyse aspects of a geographic topic at a global scale Primary Industries: 3 Services Industries: 3 Creative Industries: 3	3	I	3	Y	3r *	
Total Credits			19	19	14	5

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 19

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 19 credits.

Externally Assessed Credits: 8 credits.

Internally Assessed Credits: 11 credits.

NCEA Level 2 History

2ZHIS



Course Description

Head of Faculty - Kaihautuu: Sharon Grass

Recommended Prior Learning

Level One History and/or Level One Social Science Studies is preferred but can be picked up without.

Through the study of history students will develop skills in **research, interpretation, evaluation, empathy and analysis**; vital skills for your next stage in education. You will also be encouraged to examine each event/time period we study to evaluate its significance to New Zealand society today. In particular, you should consider how much these events have shaped your life and you may not have even realised it!

You will become an Historian not just a student of history, you will work on your own **research topic** looking at the **causes and consequences of a significant event**. This independent project will be built around three tasks - Planning, Conducting and Evaluating your own historical research.

This will be followed by a study on the **Rise of Hitler and Nazi Germany** This study will be used for an internal assessment on the **perspectives** of two sides of a historical argument and the development, justification and actions of each. This topic will also be the main focus of the external exams in November.

Course Overview

Term 1

An in-depth study into the 1918 Influenza Pandemic and the significance of this to New Zealanders.

Term 2

Independent Research into a significant historical event, this will focus on the causes and consequences of that event and how it is of significance to New Zealanders. You will develop your research skills, through the planning, conducting and evaluating your own research project.

Term 3

This term will be focused on the Rise of Hitler and Nazi Germany.

Students will study the causes and consequence of this and the significance to New Zealanders. This will form the context for their external exam. They will also focus on the events of Hitlers rise to power and the different perspectives relating to this.

Term 4

Preparation for the external exams.

Learning Areas:

[Social Sciences](#)

Pathway

[NCEA Level 3 Classical Studies](#), [NCEA Level 3 History](#), [NCEA Level 3 People and Society](#).

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91229 v2 History 2.1 - Carry out an inquiry of an historical event or place that is of significance to New Zealanders Services Industries: 4	2	I	4	Y	4r	
A.S. 91230 v2 History 2.2 - Examine an historical event or place that is of significance to New Zealanders Services Industries: 5	2	I	5	Y	5r	
A.S. 91231 v2 History 2.3 - Examine sources of an historical event that is of significance to New Zealanders	2	E	4	Y	4r,4w	
A.S. 91232 v2 History 2.4 - Interpret different perspectives of people in an historical event that is of significance to New Zealanders Creative Industries: 5	2	I	5	Y	5r	
A.S. 91233 v2 History 2.5 - Examine causes and consequences of a significant historical event	2	E	5	Y	5r,5w	
Total Credits			23	23	23	0

Total Credits Available: 23 credits.

Externally Assessed Credits: 9 credits.

Internally Assessed Credits: 14 credits.

NCEA Level 2 People and Society

2ZPAS



Course Description

Head of Faculty - Kaihautuu: Sharon Grass

Recommended Prior Learning

Level 1 Social Science Studies, History or Geography

The social sciences learning area is about how societies work and how people can participate as critical, active, informed, and responsible citizens. Contexts are drawn from the past, present, and future and from places within and beyond New Zealand.

Throughout this course, you will develop understanding on contemporary social issues, the actions that people take in response to issues, and participate in a social action.

If you are passionate about seeing a change in our community, society, country, and beyond, this is the course for you!

People and Society is a mix of sociology, anthropology, philosophy, political studies, policy studies, environmental studies, etc.

This course we will be looking at...

- Why people do things, based of their personal belief systems
- The actions the people take, motivated by their belief system
- How actions had a wider impact of society

In People and Societies, the class and you as an individual get to choose social issues that are important to you to inquire into and create change on. Social issues studied in the past include,

- Mental Health
- #MeToo
- Gun Violence
- Poverty
- Climate Change
- Black Lives Matter

Course Overview

Term 1

Introduction to Social Studies - understanding Social Studies concepts and contemporary social issues.

Class to decide first Social Issue to inquire into.

Term 2

Students choose of own Social Issue to inquire into.

Term 3

Students participate in a Social Action, based off their Social Inquiry

Preparation for Externals

Term 4

Preparation for Externals

Learning Areas:

[Social Sciences](#)

Contributions and Equipment/Stationery

Personal Device (Laptop) or 2B5

Assessment Information

Assessments will be completed as written reports.

Related Videos

<https://www.youtube.com/watch?v=vGQQbulRUjY>

NCEA Level 2 Psychology

2ZPSY



Course Description

Head of Faculty - Kaihautuu: Sharon Grass

Recommended Prior Learning

Enjoy literacy subjects and are strong academic reader writers. This course will have high academic demands; extensive reading and the ability to convey own ideas is vital.



What is psychology?

Psychology is a science which explores behaviours and cognitive processes of humans. It allows us to look at aspects outside of our own social and cultural contexts, helping us to better understand the world and those around us.

NCEA Psychology is not about studying the diagnosis of or characteristics of disorders and conditions. It is not about reading people's minds or knowing what people are thinking (we are not superhuman after all). It is about research, being able to read academic reports and articles and interpret their findings, an ability to evaluate and seek improvements, and understanding that there is not always a straightforward answer, and many different viewpoints can be valid.

Course Overview

Term 1

91845 – Examine how a Psychological debate has changed over time (3 credits)

An opportunity to delve into the big debates within psychology and see how opposing views can both be right. See how theories are used within psychology when many concepts cannot be 'scientifically proven'.

For example; the nature v nurture debate

Term 2

91844 – Examine different psychological approaches used to explain a behaviour (6 credits)

Introductions to many different psychological approaches (behavioural, biological, cognitive...) and how they can explain behaviours such as addiction, aggression, etc.

Term 3

91847 - Examine how theory is used in fields of psychological practice (5 credits)

Specialised fields of psychology constantly rely on theory to support ideas and allow further exploration. Examples of fields we will look at are clinical, developmental, media, educational, social, etc.

91846 - Conduct psychological research with guidance (4 credits)

A chance to conduct psychological research. This will look at the ethical issues involved and the different methods and designs used for psychological research. The assessment will be a written research report. This will allow you to apply what you have learnt and investigate something that you are interested in.

Term 4

Completion of 91846 with an exploration of Ethical issues in psychological research.

Learning Areas:

[Social Sciences](#)

Assessment Information

Research and report writing required in all standards

Credit Information

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91844 v1 Psychology 2.1 - Examine different psychological approaches used to explain a behaviour Social & Community Services: 6	2	I	6	Y	6r	
A.S. 91845 v1 Psychology 2.2 - Examine how a psychological debate has changed over time Social & Community Services: 3	2	I	3	Y	3r	
A.S. 91846 v1 Psychology 2.3 - Conduct psychological research with guidance Social & Community Services: 4	2	I	4	Y	4r	
A.S. 91847 v1 Psychology 2.4 - Examine how theory is used in fields of psychological practice Social & Community Services: 5	2	I	5	Y	5r	
Total Credits			18	18	18	0

Total Credits Available: 18 credits.

Internally Assessed Credits: 18 credits.

NCEA Level 2 Tourism

2ZTSM



Course Description

Head of Faculty - Kaihautuu: Sharon Grass

Recommended Prior Learning

Non required. Open to anyone.

This subject offers Tourism Unit Standards that can add credits towards the hospitality and tourism pathway.

It covers researching and understanding of both world tourist destinations as well as in Aotearoa New Zealand. You will also gain an understanding of tourist characteristics and needs. It will provide you with great general knowledge about tourist locations in the world.

This subject is very complementary for students that are looking at doing hospitality in the future. It is also approached in a way that you can work at your own pace, so is well suited to complement students that are attending MIT one day courses.

There will also be opportunity to complete other standards on CV writing and financial literacy if this suits the needs of individual students.

Course Overview

Term 1

Focus is on knowledge of the world and tourist destinations, including researching tourist destinations and activities across different continents.

Term 2

The focus is on Aotearoa New Zealand as a tourist destination.

Term 3

Focus is on the characteristics and needs of tourist.

There will be opportunity for some students to complete other US's linking to CV writing and Financial Literacy such as budgeting.

Term 4

Completing standards as is necessary.

Learning Areas:

[Social Sciences](#)

Pathway

[NCEA Level 3 Tourism](#)

Tourism has been the largest industry in Aotearoa New Zealand prior to COVID and it is due to boom again. There are increasing job opportunities such as flight attending, airport customs and retail, airline booking and service agents, travel agencies, tourism operators and support workers, hotel management, restaurant and catering business just to name a few.

Contributions and Equipment/Stationery

1B5 exercise book

Assessment Information

This is a unit standards course which is fully internally assessed.

Most assessments are open book.

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 4252 v8 Produce a personal targeted CV (curriculum vitae)	2	I	2			
U.S. 24699 v4 Make an informed decision relating to personal income and explain its impacts	2	I	2			
U.S. 24729 v3 Demonstrate knowledge of world tourist destinations Services Industries: 4	2	I	4			
U.S. 24731 v4 Demonstrate knowledge of destination New Zealand Services Industries: 4	2	I	4			
U.S. 24732 v2 Demonstrate knowledge of tourist characteristics and needs Services Industries: 3	2	I	3			
Total Credits			15	0	0	0

Total Credits Available: 15 credits.

Internally Assessed Credits: 15 credits.

NCEA Level 3 Classical Studies

3ZCLS



Course Description

Head of Faculty - Kaihautuu: Sharon Grass

Recommended Prior Learning

L2 classical studies is useful but not compulsory.

Classical Studies is our look into the ancient world. To understand ourselves, and our place in a bi-cultural society, we need to know about the societies that have laid the foundations for the world in which we live.

Classical studies is the study of the people, places, and events of the classical world and how they influence the modern world.

Classical studies is an interdisciplinary subject: students engage with literature, languages, art, history, science, technology, religion, and philosophy.

Students explore community, cultural identity, values, and perspectives and think critically about human behaviour and relationships to appreciate the civilisations of ancient Greece and Rome, understand the past and the present, and to imagine possible futures.

Level 3 Classical Studies focuses mainly on the Ancient Roman world.

The Level 3 course covers,

- A basic introduction to the Ancient Rome world - religion, society, leadership, culture, myth, gods/goddesses and beyond.
- Connections to the ancient world and Aotearoa
- Alexander the Great- a Greek/Macedonian context
- Juvenal's XVI Satires - ancient text
- Development of Satire over time
- Roman Art & Architecture

Course Overview

Term 1

Develop a basic understanding of Ancient Rome - myth, society, culture, religion, etc.

Unit of Alexander the Great

Term 2

Assessment on Alexander the Great - Demonstrate understanding of significant ideology(ies) in the classical world

Unit of Juvenal's Satires

Term 3

Assessment on Juvenal's Satires - Demonstrate understanding of the lasting influences of the classical world on other cultures across time

Unit on Art & Architecture

Term 4

Prepare for externals

Learning Areas:

[Social Sciences](#)

Contributions and Equipment/Stationery

Personal Device (Laptop) or 2B5

Assessment Information

Assessments can be completed in a variety of assessment formats - including, written report, podcast, script, and commentary video.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91394 v2 Classical Studies 3.1 - Analyse ideas and values of the classical world Creative Industries: 4	3	E	4	Y	4r,4w *	
A.S. 91395 v2 Classical Studies 3.2 - Analyse the significance of a work(s) of art in the classical world Creative Industries: 4	3	E	4	Y	4r,4w *	
A.S. 91396 v2 Classical Studies 3.3 - Analyse the impact of a significant historical figure on the classical world Creative Industries: 6	3	E	6	Y	6r,6w *	
A.S. 91397 v2 Classical Studies 3.4 - Demonstrate understanding of significant ideology(ies) in the classical world Creative Industries: 6	3	I	6	Y	6r *	
A.S. 91398 v2 Classical Studies 3.5 - Demonstrate understanding of the lasting influences of the classical world on other cultures across time Creative Industries: 6	3	I	6	Y	6r *	
Total Credits			26	26	26	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: **26**

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 26 credits.

Externally Assessed Credits: 14 credits.

Internally Assessed Credits: 12 credits.

Related Videos

<https://www.youtube.com/watch?v=GXoEpNjgKzg&t=1s>

NCEA Level 3 Geography

3ZGEO



Course Description

Head of Faculty - Kaihautuu: Sharon Grass

What capabilities will I develop?

You will develop your writing, oral and visual skills to communicate information to others. You will develop your ability to apply Geographic concepts to explain issues and patterns and produce texts of all kinds. You will interact with others effectively in groups, gathering data and showing understanding of viewpoints on issues. Through this, together you will apply new ways of thinking, problem solving and making suggestions for future situations. These strategies will allow you to be an active member of society showing an understanding of responsibilities in social, cultural and environmental situations. You will learn to read maps and diagrams as well as use data to construct and interpret various graphs, maps and images.

What knowledge will I develop?

In Term 1 you will visit Tongariro to gain knowledge of the interaction of natural processes at Tongariro and undertake geographic research of your choice in the area. You will use your geographic skills to explain contemporary issue of sea level rise in the Pacific, analyse different perspectives and suggest solutions to the issue. You will study the global impact of climate change, the spatial and temporal patterns of sea level rise and the significance to people and the environment. Throughout the year you will build your geographic skills and apply these throughout all units of study.

Course Overview

Term 1

We will visit Rotorua where you will choose your own topic of research and gather information on the development of tourism in Rotorua.

Term 2

We will analyse urban sprawl and loss of agricultural land in Pukekohe as a contemporary and local issue, explaining peoples values and perceptions and propose a solution.

Term 3

We will analyse the aspects of the global impact of climate change, factors and processes that contribute to the pattern and the significance on people.

Term 4

You will study the development and process involved in the tourism of Rotorua to prepare for the external exam.

Learning Areas:

[Social Sciences](#)

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91240 v2 Geography 2.1 - Demonstrate geographic understanding of a large natural environment Primary Industries: 4 Services Industries: 4	2	E	4	Y	4r	
A.S. 91243 v2 Geography 2.4 - Apply geography concepts and skills to demonstrate understanding of a given environment Construction & Infrastructure: 4 Primary Industries: 4 Services Industries: 4	2	E	4	Y		
A.S. 91244 v3 Geography 2.5 - Conduct geographic research with guidance Services Industries: 5 Creative Industries: 5	2	I	5	Y		Y
A.S. 91245 v3 Geography 2.6 - Explain aspects of a contemporary New Zealand geographic issue Services Industries: 3 Social & Community Services: 3 Creative Industries: 3	2	I	3	Y		
A.S. 91246 v3 Geography 2.7 - Explain aspects of a geographic topic at a global scale Primary Industries: 3 Services Industries: 3	2	I	3	Y		
A.S. 91247 v2 Geography 2.8 - Apply spatial analysis, with guidance, to solve a geographic problem Primary Industries: 3 Services Industries: 3	2	I	3	Y		Y
Total Credits			22	22	4	8

Total Credits Available: 22 credits.

Externally Assessed Credits: 8 credits.

Internally Assessed Credits: 14 credits.

NCEA Level 3 History

3ZHis



Course Description

Head of Faculty - Kaihautuu: Sharon Grass

Recommended Prior Learning

Level 2 History and/or Social Studies and/or Classical Studies

Through the study of history students will develop skills in **research, interpretation, evaluation, empathy and analysis**; Vital skills for your next stage in education. You will also be encouraged to examine each event/time period we study to evaluate its significance to New Zealand society today. In particular, you should consider how much these events have shaped your life and you may not have even realised it!

The course will start with an **in-depth study into the Israel-Palestine conflict**. This conflict continues to effect society today, more than 70 years after it began. The focus is around the creation of the State of Israel and the preceding 1948 War. The more than 5 million refugees that still exist today are a result of this conflict. Students will **analyse the historiography** of this conflict and form conclusions about which history is the most valid.

In the second term students will become a Historian not just a student of history, they will work on their **own research topic** - an event of significance to New Zealand that sparks their interest. This independent project will be built around three tasks - Planning, conducting and evaluating your own historical research.

Course Overview

Term 1

Introduction to history skills and concepts.

In-depth study into the Israel-Palestine conflict and perspectives around the 1948 War.

Were the refugees a result of the conflict or were they expelled?

Term 2

Continue Israel-Palestine topic

Term 3

Research into a historical event of students choice.

Term 4

Preparation for externals.

Learning Areas:

[Social Sciences](#)

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91434 v2 History 3.1 - Research an historical event or place of significance to New Zealanders, using primary and secondary sources Primary Industries: 5 Services Industries: 5	3	I	5	Y	5r *	
A.S. 91435 v2 History 3.2 - Analyse an historical event, or place, of significance to New Zealanders Primary Industries: 5 Services Industries: 5 Creative Industries: 5	3	I	5	Y	5r *	
A.S. 91436 v2 History 3.3 - Analyse evidence relating to an historical event of significance to New Zealanders Primary Industries: 4	3	E	4	Y	4r,4w *	
A.S. 91437 v2 History 3.4 - Analyse different perspectives of a contested event of significance to New Zealanders Creative Industries: 5	3	I	5	Y	5r *	
Total Credits			19	19	19	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: **19**

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 19 credits.

Externally Assessed Credits: 4 credits.

Internally Assessed Credits: 15 credits.

NCEA Level 3 People and Society

3ZPAS



Course Description

Head of Faculty - Kaihautuu: Sharon Grass

Recommended Prior Learning

Level 2 Senior Social Studies, Level 2 English

The social sciences learning area is about how societies work and how people can participate as critical, active, informed, and responsible citizens. Contexts are drawn from the past, present, and future and from places within and beyond New Zealand.

Throughout this course, you will develop an understanding of contemporary social issues, the actions that people take in response to issues, and participate in a social action.

If you are passionate about seeing a change in our community, society, country, and beyond, this is the course for you!

People and Society is a mix of sociology, anthropology, philosophy, political studies, policy studies, environmental studies, etc.

In this course, we will be looking at...

- Why people do things, based on their personal belief systems
- The actions the people take, motivated by their belief system
- How actions had a wider impact of society

For this subject, you get to choose social issues that are important to you to inquire into and create change on. Some social issues covered in past years include,

- Black Lives Matter
- Fast Fashion
- Mental Health
- #MeToo
- Poverty
- Climate Change

Course Overview

Term 1

Introduction to Social Studies - understanding Social Studies Concepts and contemporary social issues.

Class to decide first Social Issue to inquire into.

Term 2

Students choose own Social Issue to inquire into

Term 3

Students participate in a Social Action, based off their Social Inquiry - to create policy change.

Preparation for Externals

Term 4

Preparation for Externals

Learning Areas:

[Social Sciences](#)

Contributions and Equipment/Stationery

Personal Device (Laptop) or 2B5

Assessment Information

Assessments will be completed as written reports.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91597 v2 Social Studies 3.2 - Conduct a critical social inquiry Social & Community Services: 6 Creative Industries: 6	3	I	6	Y	6r *	
A.S. 91598 v2 Social Studies 3.3 - Demonstrate understanding of how ideologies shape society Primary Industries: 4 Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	3	E	4	Y	4r,4w *	
A.S. 91599 v2 Social Studies 3.4 - Examine personal involvement in a social action(s) that aims to influence policy change(s) Services Industries: 6 Social & Community Services: 6 Creative Industries: 6	3	I	6	Y	6r *	
A.S. 91600 v2 Social Studies 3.5 - Examine a campaign of social action(s) to influence policy change(s) Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	3	I	4	Y	4r *	
Total Credits			20	20	20	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 20

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 20 credits.
Externally Assessed Credits: 4 credits.
Internally Assessed Credits: 16 credits.

Related Videos

<https://www.youtube.com/watch?v=sTTvilkyTLY>

NCEA Level 3 Tourism

3ZTSM



Course Description

Head of Faculty - Kaihautuu: Sharon Grass

Recommended Prior Learning

None required.

You will complete several standards on Tourism which can contribute to a later tourism qualification at MIT or another Tourism and Hospitality provider like Service IQ. This will include learning codes for countries and gateway cities which are important in the tourism industry. You will also investigate tourist destinations in New Zealand and the Pacific and be able to design an itinerary for clients visiting these destinations.

In this course you will also have an opportunity look into possible career pathways for yourself and how you can plan to reach your ultimate job within that career.

It is complementary to any MIT course you might choose to do as you can work at your own pace and on some, or all of the standards offered.

This is a fully internal Unit Standards course.

Course Overview

Term 1

You will start the course by looking into possible career pathways in hospitality and tourism that you are interested in. Then choosing one possible career you will investigate. This will make you think about your personal skills and qualities and how these link to the possible career. It will also get you to plan your way forward to reaching your career goal sometime in the future. You will then start on the World tourist destination standard. This includes understanding of the different travel zones of the world as well as country and gateway airport codes. You will also gain an understanding of time zones and seasons and how these affect travel throughout the year.

Term 2

Completion of the World tourist destination standard before moving on to Aotearoa New Zealand as a tourist destination. You will gain an understanding of what is on offer in a variety of tourist destinations in New Zealand and then plan a travel itinerary for a "client". This will ensure matching the place and activities proposed to the needs of the client.

Term 3

One of the following will be completed.

A standard to gain knowledge about different regions within Aotearoa New Zealand as tourist destination, including understanding of accommodation types, different transport providers as well as places to visit and things to do.

A standard on Pacific Island Tourism. This will broaden your knowledge of several different island groups and what they have to offer tourists.

Term 4

In the last few weeks of term all internals will be completed. There are no external exams in this subject.

Learning Areas:

[Social Sciences](#)

Assessment Information

This course is a Unit standards fully internal course. Up to 19 credits are available depending on the speed you work at and time to work on standards if you are also attending an MIT two day course. Four of the standards are directly linked to travel and tourism and can contribute to your completing a certificate course in Travel and Tourism in your future. These standards are sourced from Service IQ and are open book assessments.

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 3727 v10 Demonstrate knowledge of Pacific Island countries as visitor destinations	3	I	5			
U.S. 4251 v8 Plan a career pathway	3	I	3			
U.S. 18228 v3 Demonstrate knowledge of specific New Zealand regions as tourist destinations	3	I	8			
U.S. 24733 v2 Describe and promote a New Zealand tourist destination	3	I	5			
U.S. 25508 v3 Demonstrate knowledge of world travel geography	3	I	3			
Total Credits			24	0	0	0

Total Credits Available: 24 credits.

Internally Assessed Credits: 24 credits.



NCEA Level 1 Accounting

1ZACC



Course Description

Head of Faculty - Kaihautuu: Sharon Grass

Recommended Prior Learning

There are no pre-requisites. The course is based on no prior accounting knowledge. Both literacy and numeracy skills are required with three standards having report components. The course is very reliant on consistent effort and a willingness to seek support as required. This is because most topics build upon past learning. For that reason we have concerns for students who try and "transfer" to this course mid year.

What capabilities will I develop? Accounting is the processing and interpretation of financial information to allow the users to make good decisions at home, in the business place, within clubs and in our wider community. Accounting relies on integrity (honesty), accountability and an awareness of citizenship and sustainability. We encourage our students to be thinking and collaborative learners with a genuine desire to gain lifetime serving skills and knowledge.

What knowledge will I develop? We introduce the necessary skills to manage the financial affairs of individuals, whānau, and local small entities, including community organisations. The subject can be used as a valuable one year of financial literacy or as a base for higher levels of learning in commerce. All students will gain skills to assist their whanau but the subject also empowers future managers, self-employed and community officers to understand key topics such as GST, budgeting, profit reporting and record keeping.

Course Overview

Term 1

90982 involves researching two holiday options and justifying your choice of the two. It requires planning an itinerary, researching activities, preparing a budget and providing a report (with bibliography). The two weeks of class time allows for timetable changes and late enrolments.

90981 involves processing of accounting information including individual assessments for documents, cash journals, ledgers and bank reconciliations. All work from this point on is supported by the student workbook. This standard continues into term 2.

Term 2

Completion of 90981 including re-assessment opportunities.

We then start the 5 credit external standard 90978 (income statements, balance sheets). Regular progress tests are held

Term 3

We complete 90978 by covering cash budgets. A thorough preparation is providing leading into the derived grade exams (week 5?)

After exam review we have "differentiated learning" Students who need more support for 90978 continue with that standard. They may concurrently attempt the home finance research standard. This requires an interview with a Whaanau member.

For those who pass 90978 in the exam week we will start 90979 which is the preparation of financial statements for a club.

Term 4

Only 4 weeks? This is a continuation of the progression outlined in term 3. Workshop opportunities will be offered once seniors clear.

Learning Areas:

[Social Sciences - Commerce](#)

Pathway

[NCEA Level 2 Accounting](#), [NCEA Level 3 Accounting](#)

Direct entry to level 3 (missing level 2) requires subject endorsement at level one or HOD approval.

Contributions and Equipment/Stationery

Students require a 2B5 or device for notes and a calculator. Digital devices are not permitted as calculators in assessments. A school provided student workbook is used for most tasks. There are no course costs.

Assessment Information

90982 and 90981 are research tasks that can be prepared at home and submitted digitally or as hard copy.

90981, as an optional task, can be completed any time during the year. Resubmissions to gain Achieved are possible.

90977 is assessed as closed book classroom tasks over 4 separate assessments. Re-sit opportunities are available.

90979 is assessed open book in class time. The processing component has a re-sit and the report a resubmission opportunity.

90978 is our one external NZQA examination with 3 hours of time allowed. If unable to sit the external examination the derived grade exam may generate a grade (if the absence is condoned).

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90977 v3 Accounting 1.2 - Process financial transactions for a small entity Services Industries: 5 Creative Industries: 5	1	I	5			
A.S. 90978 v3 Accounting 1.3 - Prepare financial statements for sole proprietors	1	E	5			
A.S. 90979 v3 Accounting 1.4 - Prepare financial information for a community organisation's annual general meeting	1	I	4	Y		
A.S. 90981 v3 Accounting 1.6 - Make a financial decision for an individual or group	1	I	3	Y		
A.S. 90982 v3 Accounting 1.7 - Demonstrate understanding of cash management for a small entity Services Industries: 4 Creative Industries: 4	1	I	4	Y		
Total Credits			21	11	0	0

Total Credits Available: 21 credits.

Externally Assessed Credits: 5 credits.

Internally Assessed Credits: 16 credits.

NCEA Level 1 Economics

1ZEEO



Course Description

Head of Faculty - Kaihautuu: Sharon Grass

Recommended Prior Learning

The assessments require good literacy (paragraph writing) and numeracy (interpreting 2-D graphs) skills.

Level 1 Economics

What capabilities will I develop?

This is the introductory course in economics. It will develop student's ability to express the three key ideas of demand, supply, and markets, using both written and visual graphs. This will be ideal preparation for students who wish to take economics in the future at Level 2 or Level 3. This will form a solid base that will give more meaning to all other Commerce course such as Accounting, Legal Studies, and Business Studies

What knowledge will I develop?

Economics aims to teach students to understand how consumers, producers and the government interact together. This will be ideal preparation for students who wish to take economics in the future at Level 2 or Level 3. The course starts to build up the new concepts of demand, supply, and how these two influences combine to create a market. Students will also participate in several team activities to explore how producers make decisions and how the different parts of the NZ economy interact together.

Course Overview

Term 1

Demand and Scarcity

We begin with this external standard which lays the foundation for all the standards that follow. Key ideas to learn are scarcity and how it impacts consumer choices, including price and non-factors affecting demand. Individual and collaborative activities are completed digitally and as well as in the workbook. Learning will be assessed during School's derived examination and NCEA Examination, including a practice exam at the end of the standard.

Start Production Decisions

This internal standard looks at various types of producers in context of New Zealand, the decisions producers make in terms of goals, resource use, productivity, production, business expansion, price, and non-price marketing. Individual and collaborative activities are completed digitally and as well as in the workbook.

Term 2

Production Decisions continued

This internal standard looks at various types of producers in context of New Zealand, the decisions producers make in terms of goals, resource use, productivity, production, business expansion, price, and non-price marketing. Individual and collaborative activities are completed digitally and as well as in the workbook. It finishes with a group practical with individual close-book assessment.

Term 3

Supply

This standard looks at New Zealand producer choices based on price and non-factors and how it affects the supply of goods and services. Individual and collaborative activities are completed digitally and as well as in the workbook. Learning will be assessed during School's derived examination and NCEA Examination.

Market

We will be using models to look at consumer choices, producer choices and government choices together. The idea of market equilibrium will be looked at in-depth. This includes identifying market reaction to excess demand or excess supply resulting in equilibrium. Individual and collaborative activities are completed digitally and as well as in the workbook. Learning will be assessed during School's derived examination and NCEA Examination.

Term 4

Revision for External Exams - approx 4 weeks.

Interdependence of Sectors (this is an optional topic that will only be offered to able students at end of the year). This course if offered to all would exceed our 20 credit limit.

The standard looks at the idea of interdependence and how all the key sectors of New Zealand economy are related to one another. Individual and collaborative activities are completed digitally and as well as in the workbook. There is group research of drawing the model and collating relevant evidence, including a close-book assessment

Learning Areas:

[Social Sciences - Commerce](#)

Pathway

[NCEA Level 2 Economics](#), [NCEA Level 3 Economics](#)

Direct entry from level 1 to level 3 requires HOD approval, but any motivated student is very welcome to direct entry.

Leads to careers such as Economist, Banker, Business Journalist, Business Owner, Commercial lawyer, Accountant (both Cost and Management Accountants), Financial Adviser, Share-broker, any commerce related field, Industry Production Manager

Assessment Information

As per table below

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90983 v3 Economics 1.1 - Demonstrate understanding of consumer choices, using scarcity and/or demand Primary Industries: 4 Services Industries: 4 Creative Industries: 4	1	E	4	Y		
A.S. 90984 v3 Economics 1.2 - Demonstrate understanding of decisions a producer makes about production Manufacturing & Technology: 5 Primary Industries: 5	1	I	5	Y		
A.S. 90985 v3 Economics 1.3 - Demonstrate understanding of producer choices using supply Primary Industries: 3 Services Industries: 3	1	E	3	Y		
A.S. 90986 v3 Economics 1.4 - Demonstrate understanding of how consumer, producer and/or government choices affect society, using market equilibrium Primary Industries: 5 Services Industries: 5 Creative Industries: 5	1	E	5	Y		
A.S. 90988 v3 Economics 1.6 - Demonstrate understanding of the interdependence of sectors of the New Zealand economy Primary Industries: 3 Social & Community Services: 3 Creative Industries: 3	1	I	3	Y		
Total Credits			20	20	0	0

Total Credits Available: 20 credits.
Externally Assessed Credits: 12 credits.
Internally Assessed Credits: 8 credits.

NCEA Level 2 Accounting

2ZACC



Course Description

Head of Faculty - Kaihautuu: Sharon Grass

Recommended Prior Learning

1ZACC is a prerequisite given this course's reliance on the level one processing skills. Yr 12 students wishing to study level 3 accounting, and without L1, are advised to do 1 Accounting and then advance direct to level 3.

This course assumes that students have satisfactorily completed the core papers of Level One Accounting. It is a course that rewards consistent effort and regular home study as most topics are interlinked (not "stand alone"). The course content headings are attached below.

Level two uses the processing skills from level one and applies it to inventory subsystems and cash flow statements. We extend the preparation of financial statements to incorporate entities that have a perpetual inventory system. The course requires both sound financial and literacy skills for the processing and reporting requirements.

Pukekohe High School has traditionally performed highly in this subject and no student should "lose hope" as the term four revision period is very beneficial to those who make the effort to overcome difficulties. The external course work closely parallels many stage one papers at tertiary level and thus a good work ethic can be rewarded twice over. High accounting grades are always recognised in C.V.'s as all places of employment require financial literacy.

Course Overview

Term 1

Achievement Standard 2.7 Cash Flow Forecasting 4 credits

This requires an in-class assessment involving accounting entries and a report outlining a case study example. A re-sit opportunity exists for the practical task and, under certain conditions, a report re-submission opportunity exists if students can improve their grade. Reports must be entirely the own work of each student. NB Teachers cannot identify specific errors or text for the resubmission. The re-sit will be based on a new case study.

Achievement Standard 2.7 Inventory Management 3 credits

This requires an in-class assessment involving accounting entries and a report outlining a case study example. A re-sit opportunity exists for the practical task and, under certain conditions, a report re-submission opportunity exists if students can improve their grade. Reports must be entirely the own work of each student. NB Teachers cannot identify specific errors or text for the resubmission. The re-sit will be based on a new case study.

Term 2

Achievement Standard 2.5 A Topical Issue in Accounting 4 credits.

This is a group assessment where students will have the ability to choose their own "issue" and an entity that it affects and thus they can select a topic of personal interest. They will collaborate on the research, preparation and presentation of their report and will be required to keep an individual log of their contributing actions towards assessment for grading. A re-submission opportunity will be available.

Term 3

Achievement Standard 2.3 – Accounting Subsystems: 5 Credits

Students will be assessed on their ability to process financial information. This involves preparing accounting entries in the general journal, preparing general ledger for adjustments and closing entries and preparing complete financial statements for the owner of the entity.

The derived grade exam (week 5?) will only include this standard.

Term 4

4 weeks

This is a revision period for the external standard and a final opportunity for reassessments where allowable.

Students should regularly look at www.nzqa.govt.nz and www.tki.org.nz so that they are familiar with course requirements, past assessments, examiners' reports etc. The school Microsoft Teams page will list relevant resources, study notes and past assessments.

Learning Areas:

[Social Sciences - Commerce](#)

Pathway

[NCEA Level 3 Accounting](#)

It is highly recommended that you have done 1ZACC before choosing this course.

The course supports most Commerce pathways and self employment. Business Studies students will also benefit from the content.

Contributions and Equipment/Stationery

A school provided workbook provides both study and classroom task material. Students require either a device or a 2B5/1R8 combination for note taking and additional exercises. The first standard requires a device with Excel facilities.

There are no course costs with the possible exception of additional option practice exams.

Assessment Information

Internal Assessments:

Achievement Standard 2.7 - Inventory Management (3 credits)

This requires an in-class assessment involving accounting entries and a report outlining a case study example. A re-sit opportunity exists for the practical task and, under certain conditions, a report re-submission opportunity exists if students can improve their grade. Reports must be entirely the work of each student. NB Teachers cannot identify specific errors or text for the resubmission. The re-sit will be based on a new case study.

Achievement Standard 2.10 - Cash Flow Forecasting (4 credits)

This requires an in-class assessment involving accounting entries and a report outlining a case study example. re-sit opportunity exists for the practical task and, under certain conditions, a report re-submission opportunity exists if students can improve their grade. Reports must be entirely the work of each student. NB:

Credit Information

This course is eligible for subject endorsement.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91176 v2 Accounting 2.3 - Prepare financial information for an entity that operates accounting subsystems	2	E	5			Y
Total Credits			16	11	0	8

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91386 v2 Accounting 2.7 - Demonstrate understanding of an inventory subsystem for an entity Services Industries: 3	2	I	3	Y		Y
A.S. 91481 v2 Accounting 2.5 - Demonstrate understanding of a contemporary accounting issue for decision-making	2	I	4	Y		
A.S. 91868 v1 Agribusiness 2.10 - Demonstrate understanding of cash flow forecasting for a business Primary Industries: 4 Creative Industries: 4	2	I	4	Y		
		Total Credits	16	11	0	8

Total Credits Available: 16 credits.
Externally Assessed Credits: 5 credits.
Internally Assessed Credits: 11 credits.

NCEA Level 2 Business Studies

2ZBST



Course Description

Head of Faculty - Kaihautuu: Sharon Grass

Recommended Prior Learning

There are no prerequisites, however, a strong background of numeracy and literacy is recommended to develop, write and activate business plans.

The ability to work in a group situation sharing roles and responsibilities is also important.

Through a combination of practical experience and thinking critically, students will develop their own method of investigating, individually and as part of a group. This will involve creative thinking on their part to ensure they have gathered the necessary evidence to complete the investigation. They will learn to work with groups during class and business people from the community, having to actively listen and share ideas. Students will develop their skill base pertaining to the use of language symbols and text through the active use of text, and ICT, recognising how choices of language and symbols affect people's understanding. Students will also develop self-motivation, goal setting, time management and appropriate behaviour towards stakeholders.

Students gain knowledge, skills and experience to explore how and why large businesses in New Zealand make operational decisions in response to internal and external factors. Students will gain knowledge, skills, and experience to plan, take to market, review and then refine a business activity incorporating a community well-being focus, basing recommendations for the future on market feedback. Students come to appreciate Maaori business concepts such as puutake, tikanga, kaitiakitanga, and rangatiratanga.

Course Overview

Term 1

The Motivation Theory within a Business Assessment (internal) sets the tone on what motivates staff and the benefits of motivated staff. This relates to setting up students own business for the year, ensuring they are selecting like minded people to collaborate with for the rest of the year. (6 weeks approx)

Market Research of a Product Assessment (internal) is undertaken within a group setting. This research gives the foundation for writing the business plan and carrying out the business activity with what is learnt from the research results. (4 weeks approx)

Term 2

The group Business plan (Carry out a Business Activity Assessment) is written with the first selling cycle towards the end of the term. Students then individually reflect on how the selling cycle was executed.

Planning begins for changes to the plan and preparation for the second selling cycle.

Work progresses through term 2 on the External (Internal controls of a large business). Derived NCEA examinations are midway through Term 2.

Term 3

The Business Activity Plan (version 2) is updated with second selling cycle carried out. Final individual reflection written for individual grade.

Continue learning for external examination, 2.1.

Term 4

Examination Revision for the external will be held in the last few weeks.

Learning Areas:

[Social Sciences - Commerce](#)

Pathway

[NCEA Level 3 Business Studies](#)

Level 2 Business Studies is an authentic learning subject where students learn about working in a team environment, preparing them for work and also university. It exposes students to aspects of the commerce and business world as well at preparation for further education e.g. apprenticeships.

Contributions and Equipment/Stationery

It is expected that students do their work on a device for all group plans. Class notes can be written on their device or in a 2B5 book.

Assessment Information

AS90847 Motivation Theory in a Business - open book with a resit opportunity

AS90846 Market Research - research a new or existing product - usually for their team business

AS90848 Carry out a Business Activity - developing, writing a business plan, selling, reviewing and then updating business plan for second selling cycle, with final reflection

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90843 v2 Business Studies 2.1 - Demonstrate understanding of the internal operations of a large business Primary Industries: 4 Services Industries: 2	2	E	4	Y		
A.S. 90846 v2 Business Studies 2.4 - Conduct market research for a new or existing product Primary Industries: 3 Creative Industries: 3	2	I	3	Y		Y
A.S. 90847 v2 Business Studies 2.5 - Investigate the application of motivation theory in a business Creative Industries: 3	2	I	3	Y		
A.S. 90848 v2 Business Studies 2.6 - Carry out, review and refine a business activity within a community context with guidance Creative Industries: 9	2	I	9	Y		
Total Credits			19	19	0	3

Total Credits Available: 19 credits.
Externally Assessed Credits: 4 credits.
Internally Assessed Credits: 15 credits.

NCEA Level 2 Economics

2ZEEO



Course Description

Head of Faculty - Kaihautuu: Sharon Grass

Recommended Prior Learning

Level 1 Economics is useful but not compulsory.

Level 2 Economics

What capabilities will I develop?

Economics aims to teach students to understand how the NZ economy works together as a whole. This will be ideal preparation for students who wish to complete an economics degree, make decisions as to growth or expansion in their own business, or wish to find work in a variety of government or private businesses in NZ e.g. Treasury, Reserve Bank, Statistics NZ, Infometrics, or any of NZ's major banks. The course encourages students to think critically about models that show how NZ works economically. They then need to apply those models to real life situations involving the issues of inflation, international trade, and economic growth.

What knowledge will I develop?

Students will learn the economic models used by government to deal with the possible effects of inflation, international trade, and economic growth. They will then discuss how the government could intervene in the NZ economy to minimise the negative effects of these issues. This will involve them putting together their own economic policies to deal with a real life situation in the NZ economy.

Course Overview

Term 1

Revision of Demand, Supply and Market in class to get all students up to the point where they would be if they had studied 11ECO

Inflation - a workbook based topic involving interactive teaching slots. Also we use group activities and viewing the real-life Statistics NZ data for this topic. This is to aid students learning. Inflation is an external standard.

Term 2

International Trade- a workbook based topic involving interactive teaching slots. Also collaborative student centered activities and viewing the real-life Statistics NZ data for this topic. International Trade is an external standard.

Term 3

Economic Growth- a workbook based topic involving interactive teaching slots. Also collaborative student centered activities and viewing the real-life Statistics NZ data for this topic. International Trade is an external standard.

Government Policies to deal with Inflation, Trade, and Economic Growth- This is an assignment-based internal involving research mixed with economic talks about how the NZ Government will solve the problems of inflation, trade and economic growth. The government policies or tools that we learn about are interest rates and government budgets.

Term 4

Government Policies to deal with Inflation, Trade, and Economic Growth

Revision for NCEA External Exam by collaboratively summarising topics and individually completing exam papers.

Learning Areas:

[Social Sciences - Commerce](#)

Pathway

[NCEA Level 3 Economics](#)

Direct entry from level 1 to level 3 requires HOD approval, but any motivated student is very welcome to direct entry.

Leads to careers such as Economist, Banker, Business Journalist, Business Owner, Commercial lawyer, Accountant (both Cost and Management Accountants), Financial Adviser, Share-broker, any commerce related field, Industry Production Manager

Credit Information

This course is eligible for subject endorsement.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91222 v2 Economics 2.1 - Analyse inflation using economic concepts and models Services Industries: 4	2	E	4	Y		
A.S. 91223 v2 Economics 2.2 - Analyse international trade using economic concepts and models Primary Industries: 4 Services Industries: 4	2	E	4	Y		
A.S. 91224 v2 Economics 2.3 - Analyse economic growth using economic concepts and models Services Industries: 4	2	E	4	Y		
A.S. 91227 v2 Economics 2.6 - Analyse how government policies and contemporary economic issues interact	2	I	6	Y	6r	
A.S. 91403 v2 Economics 3.5 - Demonstrate understanding of macro-economic influences on the New Zealand economy Primary Industries: 6 Services Industries: 6	3	E	6	Y	6r,6w *	
Total Credits			24	24	12	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 6

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 24 credits.
Externally Assessed Credits: 18 credits.
Internally Assessed Credits: 6 credits.

NCEA Level 2 Legal Studies

2ZLAW



Course Description

Head of Faculty - Kaihautuu: Sharon Grass

Recommended Prior Learning

There are no formal pre-requisites for the course but, given the assessment formats, a sound level of literacy is required.

We strongly encourage positive participation in discussions and a focus on up to date, full course notes. Given all assessments are open book the up to date notes are a key requirement to succeed.

Level 2 Legal Studies

What capabilities will I develop?

Legal studies explores the role of law in society and New Zealand's laws and legal system. To be informed citizens, young people need an understanding of the concepts, principles, and processes that provide the foundations for our legal system and of the issues that confront it. Legal studies offers students the opportunity to gain such understanding in a New Zealand and a global context. Students are encouraged to learn in a collaborative environment and to reflect on -and be considerate of- opinions of others that may well differ due to cultural, moral, ethical, environmental, political and social backgrounds.

What knowledge will I develop?

The course aims to empower students with a wide knowledge base that assists them to be informed lifelong learners and contributors to society when dealing with a wide range of legal applications. We cover systems of government, reasons behind crimes and our delivery of justice, consumer law.

Course Overview

Term 1

Systems of Central Government Formation (govt structure, divisions of power, FPP vs MMP election processes, ...)
Concepts of Justice (restorative and retributive approaches to offending)

All standards combine course notes, you tube clips, research, work book tasks, debates and discussion.
The assessments are open book with resubmissions for achieved where appropriate.

Term 2

Factors Contributing to Crime (types of crime, justice aims, consequences and causes of crime, ..)

All standards combine course notes, you tube clips, research, work book tasks, debates and discussion.
The assessments are open book with resubmissions for achieved where appropriate.

Term 3

Concepts of Law (negligence, elements of a contract,
Rights and Objectives of Consumer Law (including fair trading act and consumer guarantees act,

All standards combine course notes, you tube clips, research, work book tasks, debates and discussion.
The assessments are open book with resubmissions for achieved where appropriate.

Term 4

Rights and Objectives of Consumer Law
Re-sit opportunity for Systems of Central Government
There are no external standards in this course, so the time students would normally spend revising for externals could be spent finishing off internals.

Learning Areas:

[Social Sciences - Commerce](#)

Pathway

[NCEA Level 3 Legal Studies](#)

Direct entry to Level 3 without having done Level 2 is very possible.
Leads to Level 1 Law at any NZ university, although is NOT university-approved.
Leads to careers as Business Owner, Lawyer, Court staff, Military e.g Judge Advocate law, Accountancy, Journalist, Retail worker e.g. consumer law, Business Manager.

Contributions and Equipment/Stationery

Students require an appropriate way to collect comprehensive notes. This can be a 2B5, ring binder or digital device. A school provided workbook will issued to students for class and home study tasks.

Assessment Information

This is a Unit standards course.
There are no external assessments for this subject. All assessments are open book but without the use of digital communication devices.

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 8545 v6 Describe factors contributing to, and consequences of, crime Social & Community Services: 3	2	I	3			
U.S. 8555 v6 Describe the objectives and evaluate the application of consumer law	2	I	3			
U.S. 10337 v6 Describe the legal rights and personal responsibilities of secondary school students	2	I	3			
U.S. 27839 v2 Explain concepts of justice Social & Community Services: 4	2	I	4			
			Total Credits	21	0	0

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 27842 v2 Explain concepts of law	2	I	4			
U.S. 27851 v2 Explain systems for the formation of central government, and their consequences in a New Zealand context	2	I	4			
Total Credits			21	0	0	0

Total Credits Available: 21 credits.
Internally Assessed Credits: 21 credits.

NCEA Level 3 Accounting

3ZACC



Course Description

Head of Faculty - Kaihautuu: Sharon Grass

Recommended Prior Learning

Students must have completed level one and two accounting. However high achievers in level one, with HOD approval, may opt to miss level 2 accounting.

The course requires both literacy and numeracy skills given the level of processing and reporting.

The level three course assumes a good knowledge of accounting processing. It covers the application of skills to manufacturing and job costing enterprises where the entity must cost their service or product for clients. This involves a local visit and a report based on their cost system.

Level 3 does not cover sole traders- we introduce partnerships as a new type of business. Related topics include partnership agreements, formation of a partnership, profit distributions and theory.

The external standards extend financial statement preparation to a company with an introduction to taxation, dividends, share equity, cash flow statements and theory. This is both valuable general knowledge and an ideal base for tertiary accounting studies.

A management decision making standard provides tools for management to make informed financial decisions in the running of their entity.

The course has widespread applications and will greatly benefit self employed business owners, career accountants and managers to the highest levels of business administration.

Course Overview

Term 1

We start with the 4 credit job costing standard. This identifies how a manufacturing or service entity calculates costs for their products and services. A case study is built around a visit to a local manufacturer. The assessment involves a closed book processing component and a digital report. All four standards use the student workbook to support classroom learning.

At the end of term one we begin the 4 credit partnership standard

Term 2

We continue with partnership accounting with a processing component (open book) and digital report as in term one.

We then work through the 5 credit financial reporting standard. This involves many sub topics leading to the preparation of an income statement, balance sheet and cash flow statement.

Term 3

We complete the 5 credit standard with the aim that students achieve highly in the school derived grade exams (week 5?) Two hours are allowed in closed book formal conditions.

After the exam we begin the 4 credit external management accounting topic. A very high achiever may opt to concurrently attempt the optional Reporting standard. This would aid students targeting Scholarship and/or endorsement.

Term 4

We complete management accounting with a derived grade exam under formal closed book conditions.

After clearance workshops can be arranged based on demand.

Learning Areas:

[Social Sciences - Commerce](#)

[Detailed Course Outline](#)

Contributions and Equipment/Stationery

2B5, 1R8 - or digital device and calculator for all assessments.

A student workbook is supplied by PHS - there are no course costs.

Assessment Information

91409 4 credit internal includes a closed book processing task and a digital report based on a local business visit.

91405 4 credit internal with open book processing component and digital report.

For both of the above the processing has a re-sit opportunity and the report has a resubmission opportunity (limited to Achieved)

91406 5 credit external will be assessed in the derived grade exam week and 91409 4 credit external will be assessed for a derived grade in term 4. Both are in the NZQA exams with three hours allowed for the two..

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91405 v2 Accounting 3.2 - Demonstrate understanding of accounting for partnerships Services Industries: 4 Creative Industries: 4	3	I	4		*	Y
A.S. 91406 v2 Accounting 3.3 - Demonstrate understanding of company financial statement preparation Services Industries: 5	3	E	5		*	Y
A.S. 91407 v2 Accounting 3.4 - Prepare a report for an external user that interprets the annual report of a New Zealand reporting entity	3	I	5	Y	5r,5w *	Y
A.S. 91408 v2 Accounting 3.5 - Demonstrate understanding of management accounting to inform decision-making Primary Industries: 4 Services Industries: 4	3	E	4	Y	*	Y
A.S. 91409 v2 Accounting 3.6 - Demonstrate understanding of a job cost subsystem for an entity	3	I	4	Y	*	Y
Total Credits			22	13	5	22

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: **22**

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 22 credits.

Externally Assessed Credits: 9 credits.

Internally Assessed Credits: 13 credits.

NCEA Level 3 Business Studies

3ZBST



Course Description

Head of Faculty - Kaihautuu: Sharon Grass

Recommended Prior Learning

There are no prerequisites, however, a strong background of numeracy and literacy is recommended to develop, write and activate business plans.

The ability to work in a group situation sharing roles and responsibilities is also important. Having completed the level 2 Business Studies course is also of benefit.

Through a combination of practical experience and theoretical learning students will develop competency in communication, relating to others, and time management, individually and as part of a group. Students participate in the Lion Foundation Young Enterprise programme, working with mentors and external stakeholders such as suppliers and customers.

Students learn about the current practices of business operating in a global market and all aspects of business planning. Students find out how individuals and groups of people organise, plan and act to produce goods and services to satisfy customers. Students learn to appreciate the social, political, cultural, ethical, technical and economic issues that challenge businesses and stakeholders. Students come to understand the four central issues of business: sustainability, citizenship, enterprise and globalisation. Students come to appreciate Maaori business concepts such as puutake, tuuranga, tikanga, kaitiakitanga and rangatiratanga.

Course Overview

Term 1

Develop a Marketing Plan for their business activity.
Commence selling their product or service at the end of the term.
Participate in the Young Enterprise Market Research Challenge.

Term 2

Completion of Marketing Plan for their business activity.
Continue selling their product or service
Start Business Plan for their business activity.
Participate in the Young Enterprise Pitch and Promotion Challenges.

Term 3

Completion of Business Plan for Business Activity
Completion of Annual Review and Reflection of Business Activity.
Learning content of 3.1 External for Derived Grade exam mid term.
Finalizing selling and wrapping up Business Activity.

Term 4

Study and revision of 3.1 External on Demonstrating understanding of how Internal Factors Affect businesses.

Learning Areas:

[Social Sciences - Commerce](#)

Contributions and Equipment/Stationery

It is expected that students do their work on a device for all group plans. Class notes can be written on their device or in a 2B5 book.

Assessment Information

AS91382 Develop a Marketing Plan
AS91384 Carry out with Consultation a Business Activity
AS91379 Demonstrate Understanding of how Internal Factors affect Businesses

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91379 v2 Business Studies 3.1 - Demonstrate understanding of how internal factors interact within a business that operates in a global context Primary Industries: 4 Services Industries: 4	3	E	4	Y	4r,4w *	
A.S. 91382 v2 Business Studies 3.4 - Develop a marketing plan for a new or existing product Primary Industries: 6 Services Industries: 6 Creative Industries: 6	3	I	6	Y	6r *	
A.S. 91384 v2 Business Studies 3.6 - Carry out, with consultation, an innovative and sustainable business activity Manufacturing & Technology: 9 Primary Industries: 9 Services Industries: 9 Creative Industries: 9	3	I	9	Y	*	
Total Credits			19	19	10	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 19

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 19 credits.

Externally Assessed Credits: 4 credits.

Internally Assessed Credits: 15 credits.

NCEA Level 3 Economics

3ZEEO



Course Description

Head of Faculty - Kaihautuu: Sharon Grass

What capabilities will I develop?

Economics aims to teach students to understand the core economic concepts. This will be ideal preparation for students who wish to complete an economics degree, start or run their own business, or wish to work in large government organisations. The course encourages students to discuss ideas collaboratively, and then think about how to apply these concepts to real-life NZ situations and products.

What knowledge will I develop?

Students will learn how to assess whether markets for everyday goods and services in NZ are efficient and the effect of government intervention in these markets. They will investigate markets which are not providing the best for NZ producers and consumers. They will suggest possible steps the government could take to improve how those markets operate. They will evaluate the effect on the efficiency and fairness of those markets. They will study how markets respond to prices and how a demand curve is created. Finally, they will investigate and compare perfectly competitive firms to monopolies to see how they decide how much to produce.

Course Overview

Term 1

The first task of the year is to complete some basic Demand and Supply curve activities. This will help students who have not studied economics be ready for this course.

Efficiency of Markets: We will learn what it means for a market e.g. school shoes to be efficient. This means the market is distributing goods efficiently. We will learn about the concepts of Consumer Surplus, Producer Surplus, Deadweight Loss, Allocative Efficiency, Equity (fairness)

The topic is based on a workbook with interactive teaching activities and student group activities.

Term 2

We will learn the concepts of Positive and Negative Externalities of Production/Consumption

Public Goods

Equity vs Efficiency Trade-off. Interactive teacher sessions and and workbook activities to recognise that efficiently allocating resources can disadvantage some lower-income households or the environment.

Elasticity of Demand, and Supply

This is an assignment-based internal. It involves research mixed with a talk about how the NZ Government will solve the problems of goods with positive and negative benefits for society e.g. medicine or cigarettes.

Term 3

We will learn the economic concepts of Elasticity, Marginal Utility, and Demand. This is an internal and students sit two short tests in class.

Market Structures - this is a workbook based topic. Students learn that monopoly producers and firms facing competition will make pricing and production decisions using the same idea but with different outcomes.

Term 4

Revision for External NCEA Exams - redo past exam papers and discuss in class. Possible catch-up for students who for genuine reasons have not finished internals.

Learning Areas:

[Social Sciences - Commerce](#)

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91399 v2 Economics 3.1 - Demonstrate understanding of the efficiency of market equilibrium Services Industries: 4	3	E	4	Y	4r,4w *	
A.S. 91400 v2 Economics 3.2 - Demonstrate understanding of the efficiency of different market structures using marginal analysis Primary Industries: 4 Services Industries: 4	3	E	4	Y	4r,4w *	
A.S. 91401 v2 Economics 3.3 - Demonstrate understanding of micro-economic concepts Services Industries: 5	3	I	5	Y	5r *	
A.S. 91402 v3 Economics 3.4 - Demonstrate understanding of government interventions where the market fails to deliver efficient or equitable outcomes Primary Industries: 5	3	I	5	Y	5r *	
Total Credits			18	18	18	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 18

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 18 credits.

Externally Assessed Credits: 8 credits.

Internally Assessed Credits: 10 credits.

NCEA Level 3 Legal Studies

3ZLAW



Course Description

Head of Faculty - Kaihautuu: Sharon Grass

What capabilities will I develop?

Legal Studies aims to teach students to read and understand legislation and case law in NZ and overseas. This will be ideal preparation for students who wish to complete a law degree, manage their own business, or understand the ways in which the law and government influence their everyday lives. The course encourages students to discuss ideas collaboratively, and then think about how to apply legal principles to a real life NZ situation.

Course Overview

Term 1

All internals are assignment-based involving research mixed with an legal commentary about how the NZ law or case law will apply certain legal principles. Interactive teacher sessions, creative demonstrations e.g. a blind taste test, and workbook activities are used to scaffold learning and make it interesting. This is the same for all standards listed below.

Concepts of Justice:

Concept 1: No-one is above the law

Concept 2: Coercive Power

Concept 3: Equity

Concepts of Law:

Concept 1: Crime

Concept 2: Negligence

Term 2

Litigation and Dispute Resolution processes:

Formal Means 1: Admin Review

Formal Means 2: Judicial Review

Formal Means 3: Ombudsman

Formal Means 4: Independent Police Complaints Authority (IPCA)

Concepts of Democracy and Government (Human Rights)

Term 3

Concepts of Democracy and Government (Human Rights)

Significant Legal Issue - student choice

Term 4

Students can either finish internals that are incomplete or revise for externals in OTHER subjects. There are no externals in Legal Studies.

Learning Areas:

[Social Sciences - Commerce](#)

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 27837 v2 Evaluate a concept of democracy and government in relation to restraint on state power	3	I	4			
U.S. 27840 v2 Evaluate a concept of justice in relation to a specific situation	3	I	4			
U.S. 27843 v2 Evaluate a concept of law in relation to a specific situation	3	I	4			
U.S. 27846 v2 Evaluate litigation and dispute resolution processes in relation to challenging state power	3	I	4			
U.S. 27849 v2 Evaluate a law making process in relation to a significant legal issue	3	I	4			
U.S. 27852 v2 Evaluate systems of government and their formation	3	I	4			
Total Credits			24	0	0	0

Total Credits Available: 24 credits.

Internally Assessed Credits: 24 credits.

Te Wahanga Whakaako



Te Waahanga Whakaako o Te Kohekohe is the name of our Maaori Faculty here at Pukekohe High School.

Kōkā Lia Te Wao ~ Kaihautuu Maaori along with Whaea Kahiwa Moeau, Whaea Monique Henry and Whaea Natasha Haereroa make up our dynamic kaiako here in Te Waahanga Whakaako o Te Kohekohe who are passionate and encourage our rangatahi to become leaders of tomorrow. We are located at Gate 1 entrance and our classes are mainly facilitated within our learning area. Our whareniui, Te Hikoi along with S12 and S15 are our main learning areas for our programmes.

We welcome parents and staff to come and learn alongside our aakonga in a safe and engaging environment.



NCEA Level 1 Te Ao Ahurea

1WTAA



Course Description

Head of Faculty - Kaihautuu: Lia Te Wao

"By learning and familiarising ourselves with Tikanga Maaori students strengthen their identity and non Maaori journey towards shared cultural understandings". This happens through an interchange of relationships, participation, contribution of thoughts language, knowledge and symbols.

"Understanding Tikanga Maaori practices stretches learners cognitively, enabling them to think differently". This happens through the acquisition of karakia, kiiwaha, whakataukii, waiata, tikanga, kawa, maatauranga and puuraakau which increases ones awareness and builds identity in the uniqueness and diversity of tikanga in iwi, hapuu and whaanau environments.

Learning Areas:

[Te Wahanga Whakaako](#)

Pathway

[NCEA Level 2 Te Ao Ahurea](#), [NCEA Level 2 Te Ao Haka](#)

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 6137 v9 Describe tapu, noa, and mana in relation to the way Maori interact with te taiao Primary Industries: 3 Services Industries: 3 Social & Community Services: 3 Creative Industries: 3	1	I	3			
U.S. 16160 v7 Describe the characteristics and actions of a selected atua in accordance with nga korero tuku iho Creative Industries: 3	1	I	3			
U.S. 23007 v3 Demonstrate knowledge of customary whakairo designs and their meaning Services Industries: 5 Creative Industries: 5	1	I	6			
U.S. 23008 v3 Describe customary whakairo and their function Services Industries: 5 Creative Industries: 5	1	I	6			
U.S. 27105 v3 Describe and explain the separation of Ranginui and Papatuanuku in accordance with nga korero tuku iho Services Industries: 2 Creative Industries: 2	1	I	2			
U.S. 27106 v4 Describe the terms associated with whakapapa and use them within a family structure Creative Industries: 2	1	I	2			
Total Credits			22	0	0	0

Total Credits Available: 22 credits.

Internally Assessed Credits: 22 credits.

NCEA Level 1 Te Ao Haka

1WTAH



Course Description

Head of Faculty - Kaihautuu: Lia Te Wao

Te Ao Haka, Maaori performing arts are powerful forms of expression that recognise, value, and contribute to the unique bicultural and multicultural character of Aotearoa New Zealand, enriching the lives of all New Zealanders. Performing arts have their own distinct languages that use both verbal and non-verbal conventions, mediated by selected processes and technologies. Through movement, sound, and image, performing arts transform people's creative ideas into expressive works that communicate layered meanings.

Te Ao Haka, Maaori performing arts in Te Marautanga o Aotearoa celebrates and acknowledges the skills and knowledge of the past, and empowers and challenges the thinking of the now and the future. It contributes to our intellectual knowing, and to our social, cultural, and spiritual being.

Te Ao Haka utilises the new Te Ao Haka Achievements Standards.

Learning Areas:

[Te Wahanga Whakaako](#)

Pathway

[NCEA Level 2 Te Ao Haka](#)

NCEA Level 1 Te Reo Maaori

1WMAO



Course Description

Head of Faculty - Kaihautuu: Lia Te Wao

Recommended Prior Learning

Year 9 Te Ao Maaori or Year 9 Te Reo Maaori, Year 10 Te Reo Maaori

"By learning Te Reo Maaori and becoming familiar with Tikanga Maaori students strengthen their identity and non-Maaori journey towards shared cultural understandings". This happens through an interchange of relationships, participation, contribution of thoughts language and symbols.

"Understanding Te Reo Maaori stretches learners cognitively, enabling them to think differently". This happens through the acquisition of words, phrases, idioms, proverbs, songs and stories in Te Reo Maaori which increases our awareness of both the uniqueness and diversity of language and culture at tribal, sub-tribal and extended family environments.

Learning Areas:

[Te Wahanga Whakaako](#)

Pathway

[NCEA Level 2 Te Ao Ahurea](#), [NCEA Level 2 Te Reo Maaori](#)

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91085 v3 Te Reo Maori 1.1 - Whakarongo kia mohio ki te reo o tona ao Primary Industries: 6 Services Industries: 6 Social & Community Services: 6 Creative Industries: 6	1	I	6	Y		
A.S. 91086 v3 Te Reo Maori 1.2 - Korero kia whakamahi i te reo o tona ao Primary Industries: 6 Services Industries: 6 Social & Community Services: 6 Creative Industries: 6	1	I	6	Y		
A.S. 91087 v2 Te Reo Maori 1.3 - Panui kia mohio ki te reo o tona ao Primary Industries: 6 Services Industries: 6 Social & Community Services: 6 Creative Industries: 6	1	E	6	Y		
A.S. 91088 v2 Te Reo Maori 1.4 - Tuhi i te reo o tona ao Primary Industries: 6 Services Industries: 6 Social & Community Services: 6 Creative Industries: 6	1	E	6	Y		
A.S. 91089 v3 Te Reo Maori 1.5 - Waihanga tuhinga i te reo o tona ao Primary Industries: 6 Services Industries: 6 Social & Community Services: 6 Creative Industries: 6	1	I	6	Y		
Total Credits			30	30	0	0

Total Credits Available: 30 credits.

Externally Assessed Credits: 12 credits.

Internally Assessed Credits: 18 credits.

NCEA Level 2 Te Ao Ahurea

2WTAA



Course Description

Head of Faculty - Kaihautuu: Lia Te Wao

Recommended Prior Learning

Year 10 Te Ara Kee, Year 11 Te Ara Kee

"By learning and familiarising oneself with Tikanga Maaori students strengthen their identity and non Maaori journey towards shared cultural understandings". This happens through an interchange of relationships, participation, contribution of thoughts language, knowledge and symbols.

"Understanding Tikanga Maaori practices stretches learners cognitively, enabling them to think differently". This happens through the acquisition of karakia, kiiwaha, whakataukii, waiata, tikanga, kawa, maatauranga and puuraakau which increases ones awareness and builds identity in the uniqueness and diversity of tikanga at iwi, hapuu and whaanau environments.

Learning Areas:

[Te Wahanga Whakaako](#)

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 25763 v5 Explain the life and deeds of a wahine rongonui Creative Industries: 4	2	I	4			
U.S. 25764 v5 Demonstrate knowledge of preparing a marae for a powhiri	2	I	4			
U.S. 27563 v3 Demonstrate knowledge of teams and team leadership in an organisation	3	I	4			
U.S. 31070 v3 Explain the importance of Maori place names, and use reo Maori greetings and farewells in tourism	3	I	4			
U.S. 31505 v1 Explain the use of karakia relevant to a kaupapa Construction & Infrastructure: 3 Services Industries: 3 Social & Community Services: 3 Creative Industries: 3	2	I	3			
U.S. 31507 v1 Participate in the recitation of a karakia at a hui Construction & Infrastructure: 3 Services Industries: 3 Social & Community Services: 3 Creative Industries: 3	2	I	3			
Total Credits			22	0	0	0

Total Credits Available: 22 credits.

Internally Assessed Credits: 22 credits.

NCEA Level 2 Te Ao Haka

2WTAH



Course Description

Head of Faculty - Kaihautuu: Lia Te Wao

Recommended Prior Learning

Year 10 Toi Whakaari, Year 11 Te Ao Haka

Te Ao Haka, Maaori performing arts are powerful forms of expression that recognise, value, and contribute to the unique bicultural and multicultural character of Aotearoa New Zealand, enriching the lives of all New Zealanders. The arts have their own distinct languages that use both verbal and non-verbal conventions, mediated by selected processes and technologies. Through movement, sound, and image, the arts transform people's creative ideas into expressive works that communicate layered meanings.

The learning area of Te Ao Haka, Maaori performing arts in Te Marautanga o Aotearoa celebrates and acknowledges the skills and knowledge of the past, and empowers and challenges the thinking of the now and the future. It contributes to our intellectual knowing, and to our social, cultural, and spiritual being. The Arts is forever changing, and therefore the achievement objectives in this learning area allow for, and support that changing notion.

Learning Areas:

[Te Wahanga Whakaako](#)

Pathway

[NCEA Level 3 Te Ao Haka](#)

Assessment Information

Te Ao Haka utilises the new NCEA Achievement Standards, as a part of a pilot of schools.

Related Videos

https://www.youtube.com/watch?v=hHulw_1j-mY

NCEA Level 2 Te Reo Maaori

2WMAO



Course Description

Head of Faculty - Kaihautuu: Lia Te Wao

Recommended Prior Learning

Year 9 Te Ao Maaori or Year 9 Te Reo Maaori, Year 10 Te Reo Maaori, Year 11 Te Reo Maaori

"By learning Te Reo Maaori and becoming familiar with Tikanga Maaori students strengthen their identity and non Maaori journey towards shared cultural understandings". This happens through an interchange of relationships, participation, contribution of thoughts language and symbols.

"Understanding Te Reo Maaori stretches learners cognitively, enabling them to think differently". This happens through the acquisition of words, phrases, idioms, proverbs, songs and stories in the target language which increases ones awareness of both the uniqueness and diversity of language and culture at tribal, sub-tribal and extended family environments.

Learning Areas:

[Te Wahanga Whakaako](#)

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91284 v3 Te Reo Maori 2.1 - Whakarongo kia mohio ki te reo o te ao torotoro Primary Industries: 4 Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	2	I	4	Y		
A.S. 91285 v3 Te Reo Maori 2.2 - Korero kia whakamahi i te reo o te ao torotoro Primary Industries: 6 Services Industries: 6 Social & Community Services: 6 Creative Industries: 6	2	I	6	Y		
A.S. 91286 v2 Te Reo Maori 2.3 - Panui kia mohio ki te reo o te ao torotoro Primary Industries: 6 Services Industries: 6 Creative Industries: 6	2	E	6	Y	6r	
A.S. 91287 v2 Te Reo Maori 2.4 - Tuhi i te reo o te ao torotoro Primary Industries: 6 Services Industries: 6 Creative Industries: 6	2	E	6	Y	6w	
A.S. 91288 v3 Te Reo Maori 2.5 - Waihanga tuhinga auaha, i te reo o te ao torotoro Primary Industries: 6 Services Industries: 6 Social & Community Services: 6 Creative Industries: 6	2	I	6	Y	6w	
Total Credits			28	28	18	0

Total Credits Available: 28 credits.

Externally Assessed Credits: 12 credits.

Internally Assessed Credits: 16 credits.

NCEA Level 3 Te Ao Ahurea

3WTAA



Course Description

Head of Faculty - Kaihautuu: Lia Te Wao

Recommended Prior Learning

Year 9 Te Ao Maaori or Year 9 Te Reo Maaori, Year 10 Te Reo Maaori, Year 10 Te Ara Kee, Year 11 Te Reo Maaori, Year 11 Te Ara Kee, Year 12 Te Reo Maaori, Year 12 Te Ara Kee.

"By learning and familiarising oneself with Tikanga Maaori students strengthen their identity and non-Maaori journey towards shared cultural understandings". This happens through an interchange of relationships, participation, contribution of thoughts language, knowledge and symbols.

"Understanding Tikanga Maaori practices stretches learners cognitively, enabling them to think differently". This happens through the acquisition of karakia, kiiwaha, whakataukii, waiata, tikanga, kawa, maatauranga and puuraakau which increases ones awareness and builds identity in the uniqueness and diversity of tikanga at iwi, hapuu and whaanau environments.

Learning Areas:

[Te Wahanga Whakaako](#)

NCEA Level 3 Te Ao Haka

3WTAH



Course Description

Head of Faculty - Kaihautuu: Lia Te Wao

Recommended Prior Learning

Year 9 Te Ao Haka or Year 9 Te Reo Maaori, Year 10 Toi Whakaari, Year 11 Te Ao Haka, Year 12 Te Ao Haka

Te Ao Haka, Maaori performing arts are powerful forms of expression that recognise, value, and contribute to the unique bicultural and multicultural character of Aotearoa New Zealand, enriching the lives of all New Zealanders. The arts have their own distinct languages that use both verbal and non-verbal conventions, mediated by selected processes and technologies.

Through movement, sound, and image, the arts transform people's creative ideas into expressive works that communicate layered meanings.

The learning area of Te Ao Haka, Maaori performing arts in Te Marautanga o Aotearoa celebrates and acknowledges the skills and knowledge of the past, and empowers and challenges the thinking of the now and the future. It contributes to our intellectual knowing, and to our social, cultural, and spiritual being. The Arts is forever changing, and therefore the achievement objectives in this learning area allow for, and support that changing notion.

Learning Areas:

[Te Wahanga Whakaako](#)

Assessment Information

This course utilises the new Te Ao Haka NCEA Achievement Standards, as a part of the NZQA pilot of schools. There will be 20 credits offered as a part of this course as per the review of achievement standards and NCEA change package. Additional credits maybe available.

Related Videos

https://www.youtube.com/watch?v=hHulw_1j-mY

NCEA Level 3 Te Reo Maaori

3WMAO



Course Description

Head of Faculty - Kaihautuu: Lia Te Wao

Recommended Prior Learning

Year 9 Te Ao Maaori or Year 9 Te Reo Maaori, Year 10 Te Reo Maaori, Year 11 Te Reo Maaori, Year 12 Te Reo Maaori.

"By learning Te Reo Maaori and becoming familiar with Tikanga Maaori students strengthen their identity and non-Maaori journey towards shared cultural understandings". This happens through an interchange of relationships, participation, contribution of thoughts language and symbols.

"Understanding te reo Maaori stretches learners cognitively, enabling them to think differently". This happens through the acquisition of words, phrases, idioms, proverbs, songs and stories in the target language which increases ones awareness of both the uniqueness and diversity of language and culture at tribal, sub-tribal and extended family environments.

Learning Areas:

[Te Wahanga Whakaako](#)

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91650 v2 Te Reo Maori 3.1 - Whakarongo kia mohio ki te reo Maori o te ao whanui Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Social & Community Services: 4 Creative Industries: 4	3	I	4	Y	*	
A.S. 91651 v2 Te Reo Maori 3.2 - Korero kia whakamahi i te reo Maori o te ao whanui Construction & Infrastructure: 6 Manufacturing & Technology: 6 Primary Industries: 6 Services Industries: 6 Social & Community Services: 6 Creative Industries: 6	3	I	6	Y	*	
A.S. 91652 v2 Te Reo Maori 3.3 - Panui kia mohio ki te reo Maori o te ao whanui Construction & Infrastructure: 6 Manufacturing & Technology: 6 Primary Industries: 6 Services Industries: 6 Social & Community Services: 6 Creative Industries: 6	3	E	6	Y	6r *	
A.S. 91653 v2 Te Reo Maori 3.4 - Tuhi i te reo Maori o te ao whanui Construction & Infrastructure: 6 Manufacturing & Technology: 6 Primary Industries: 6 Services Industries: 6 Social & Community Services: 6 Creative Industries: 6	3	E	6	Y	6w *	
A.S. 91654 v2 Te Reo Maori 3.5 - Waihanga tuhinga whai take i te reo Maori o te ao whanui Construction & Infrastructure: 6 Manufacturing & Technology: 6 Primary Industries: 6 Services Industries: 6 Social & Community Services: 6 Creative Industries: 6	3	I	6	Y	6w *	
Total Credits			28	28	18	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 28

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 28 credits.

Externally Assessed Credits: 12 credits.

Internally Assessed Credits: 16 credits.



What is technology about?

**Kaua e rangiruatia te hāpai o te hoe;
e kore tō tātou waka e ū ki uta.**

Technology is intervention by design. It uses intellectual and practical resources to create technological outcomes, which expand human possibilities by addressing needs and realising opportunities.

Design is characterised by innovation and adaptation and is at the heart of technological practice. It is informed by critical and creative thinking and specific design processes. Effective and ethical design respects the unique relationship that New Zealanders have with their physical environment and embraces the significance of Māori culture and world views in its practice and innovation.

Technology makes enterprising use of knowledge, skills and practices for exploration and communication, some specific to areas within technology and some from other disciplines. These include digitally-aided design, programming, software development, various forms of technological modelling, and visual literacy – the ability to make sense of images and the ability to make images that make sense.

Why study technology?

With its focus on design thinking, technology education supports students to be innovative, reflective and critical in designing new models, products, software, systems and tools to benefit people while taking account of their impact on cultural, ethical, environmental and economic conditions.

The aim is for students to develop broad technological knowledge, practices and dispositions that will equip them to participate in society as informed citizens and provide a platform for technology-related careers. Students learn that technology is the result of human activity by exploring stories and experiences from their heritage, from Aotearoa New Zealand's rich cultural environment, and from contemporary examples of technology. As they learn in technology, students draw on and further develop the key competencies.

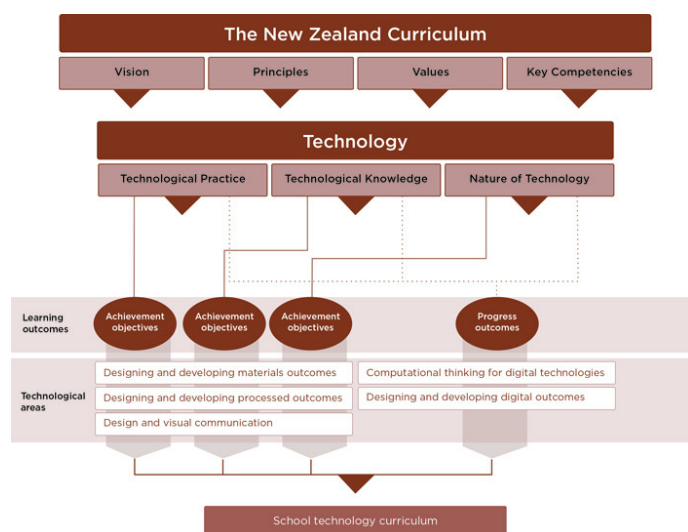
Technology is associated with the transformation of energy, information, and materials. Technological areas include structural, control, food, and information and communications technology and biotechnology. Relevant contexts can be as varied as computer game software, food products, worm farming, security systems, costumes and stage props, signage, and taonga.

Technology Learning area structure

The technology learning area has three strands: Technological Practice, Technological Knowledge, and Nature of Technology. These three strands are embedded within each of five technological areas:

- computational thinking for digital technologies
- designing and developing digital outcomes
- designing and developing materials outcomes
- designing and developing processed outcomes
- design and visual communication.

The following diagram illustrates the structure of the learning area.



In years 11–13, students work with fewer contexts in greater depth. This requires them to continue to draw fully on learning from other disciplines. For example, students working with materials and/or food technology will need to refer to chemistry, and students working on an architectural project will find that an understanding of art history is invaluable. Some schools may offer courses such as electronics and horticulture as technology specialisations.

Learning for senior students opens up pathways that can lead to technology-related careers. Students may access the workplace learning opportunities available in a range of industries or move on to further specialised tertiary study.

NCEA Level 1 Building

1TBLA



Course Description

Head of Faculty - Kaihautuu: Salman Qureshi

Recommended Prior Learning

Students joining this course should not have a record of unsafe work practices in the workshop.

We recommend students interested in a possible career in the building industry or those looking for skills and knowledge that will be useful in later life take this course.

While constructing practical projects you will be taught safe workshop practice and the correct use of hand tools. The student will also be instructed in the correct use of a range of both power and machine tools. You will also become familiar with a number of joining and finishing methods and accepted construction techniques.

WHAT WILL I LEARN?

- Safe workshop practice.
- The correct use of hand tools and some power tools.
- A range of joining and finishing methods.
- Correct construction techniques.



Course Overview

Term 1

Safety and workshop process
Basic workshop skills and project making

Term 2

Materials knowledge and cutting list
Workshop processes and project making

Term 3

Materials knowledge and cutting list
Workshop processes and project making

Term 4

Completing projects and unit standards

Learning Areas:

[Technology](#)

Pathway

[NCEA Level 2 Building](#)

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 24352 v3 Demonstrate and apply knowledge of safe working practices and use PPE during the construction of a BCATS project Construction & Infrastructure: 2 Primary Industries: 2	1	I	2			
U.S. 24355 v3 Demonstrate knowledge of construction and manufacturing materials used in BCATS projects Construction & Infrastructure: 4 Primary Industries: 4	1	I	4			
U.S. 24356 v3 Apply elementary procedures and processes for a BCATS project Construction & Infrastructure: 8	1	I	8			
U.S. 31512 v1 Demonstrate knowledge of BCATS trades involved in the construction of a residential building	1	I	2			
Total Credits			16	0	0	0

Total Credits Available: 16 credits.

Internally Assessed Credits: 16 credits.

NCEA Level 1 Catering

1TCAT



Course Description

Head of Faculty - Kaihautuu: Salman Qureshi

Recommended Prior Learning

Some basic knowledge of food safety and food preparation, covered in year 10 would be beneficial BUT not compulsory.



This course is recommend for students interested in developing their practical skills in food preparation and who want to learn more about the hospitality industry. You will become acquainted with working in the commercial kitchen. Food safety and personal hygiene are covered in depth throughout the year.

- Catering is all about preparing food safely and hygienically for commercial purposes.
- The course is delivered using SERVICE IQ units of work
- Each Unit is eternally assessed
- Units are completed once the workbooks, practical activities and test are achieved and completed.

WHAT WILL I LEARN?

Practical skills related to each topic as well as the associated theory which includes Food safety, baking, fruit and vegetables, meat, hot finger foods, knife skills and cooking terminology.

Course Overview

Term 1

Unit 1 - Food Safety
Unit 2 - Knife Care

Term 2

Unit 3 - Knowledge of terminology used for food and recipes
Unit 4 - Prepare and present Fruit & Veg

Term 3

Unit 5 - Prepare and present Meat
Unit 6 - Prepare and cook cakes, sponges and a batch of scones

Term 4

Unit 7 - Prepare and present Hot Finger Foods

Learning Areas:

[Technology](#)

Pathway

[NCEA Level 2 Catering](#)

The skills developed in Catering are important for students who wish to follow a career in the Hospitality and Catering area. This could be a broad range from being a barista to a pastry chef.

Assessment Information

All assessment have a Theory (open book, test format) and Practical (execution of a variety of skills) component.
All units are internally assessed. Practical skills are observed and assessed regularly.
Workbooks, test and practicals must be completed for each unit to gain credits.

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 167 v9 Practise food safety methods in a food business under supervision Services Industries: 4	2	I	4			
U.S. 15892 v6 Demonstrate knowledge of terminology used for food and recipes in commercial cookery Services Industries: 5	1	I	5			
U.S. 15900 v6 Prepare, cook, and present meat in the hospitality industry Services Industries: 4	1	I	4			
U.S. 15901 v6 Prepare and present fruit and vegetables in the hospitality industry Services Industries: 3	1	I	3			
U.S. 15919 v6 Prepare and present hot finger food in the hospitality industry Services Industries: 2	1	I	2			
U.S. 15921 v6 Prepare and cook a cake, a sponge and a batch of scones in the hospitality industry Services Industries: 3	1	I	3			
U.S. 21059 v5 Demonstrate knowledge of knife care, use, storage, and carrying for the hospitality industry Services Industries: 2	1	I	2			
Total Credits			23	0	0	0

Total Credits Available: 23 credits.
Internally Assessed Credits: 23 credits.

NCEA Level 1 Computer Applications

1TCOM



Course Description

Head of Faculty - Kaihautuu: Salman Qureshi

Recommended Prior Learning

Students will be keen computer users and want to learn skills in a range of applications to make them efficient users of various programs which can assist us in our everyday and employment lives.

Develop foundational skills in the following applications for school, further study, employment and leisure activities:

Microsoft Word (word processing)
[typing.com](https://www.typing.com/) (keyboard skills)
Microsoft Excel (spreadsheets)
Microsoft Publisher (desktop publishing using templates)
Microsoft PowerPoint (presentation software)
draw.io (flowcharts and schematic diagrams)



Students work at their own pace and level of expertise through online workbooks and assessments.
Students may go on to do some Level 2 standards also in Terms 3 and 4.

Course Overview

Term 1

Basic Microsoft Word, keyboard and ergonomic safety techniques
Beginner Microsoft Excel spreadsheets

Term 2

Using Microsoft Publisher templates for a range of personal and business documents
Using Microsoft PowerPoint for presentations and delivery

Term 3

Complete the above four standards if not already done so
Begin NCEA Level 2 unit standards:
Flow charts/schematic diagrams using www.draw.io
Additional Microsoft Word skills at an intermediate level

Term 4

Completion of all incomplete work

Learning Areas:

[Technology](#)

Pathway

[NCEA Level 2 Computer Applications](#), [NCEA Level 3 Computer Applications](#)

This course leads to employment in administrative areas across a range of job and industry settings.

Assessment Information

Skills are assessed through Unit Standards. Students should complete two (2) assessments per term if they are working to potential. This course does not lead to University Entrance, but does contribute towards NCEA certificates.

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 2792 v9 Produce simple desktop published documents using templates Construction & Infrastructure: 2 Manufacturing & Technology: 2 Primary Industries: 2 Creative Industries: 2	1	I	2			
U.S. 5946 v9 Use computer technology to create and deliver a presentation from given content Manufacturing & Technology: 3 Creative Industries: 3	1	I	3			
U.S. 12883 v8 Enter and manage text for generic text and information management	1	I	4			
U.S. 12885 v8 Create and enhance electronic documents combining text and images for generic text and information management	2	I	4			
U.S. 18743 v6 Produce a spreadsheet from instructions using supplied data Construction & Infrastructure: 2 Manufacturing & Technology: 2 Primary Industries: 2 Services Industries: 2 Social & Community Services: 2 Creative Industries: 2	1	I	2			
U.S. 29778 v2 Use the main features and functions of a schematic diagram application to create diagrams Construction & Infrastructure: 2 Manufacturing & Technology: 2 Creative Industries: 2	2	I	2			
Total Credits			17	0	0	0

Total Credits Available: 17 credits.

Internally Assessed Credits: 17 credits.

NCEA Level 1 Design and Visual Communication

1TDVC



Course Description

Head of Faculty - Kaihautuu: Salman Qureshi

Recommended Prior Learning

Some skills preferred in freehand drawings, rendering and instrumental drawings from year 9 and 10. Willingness to learn Design and Visual Communication is required at all times.



Design and Visual Communication (DVC) is about the interrelated strands of design thinking, visual communication, and design heritage.

Design encompasses the ideation, exploration, progression, and communication of design ideas into potential outcomes that serve a specific purpose, provide innovative possibilities, and can be informed by design heritage and a designer's perspective.

Within DVC, design consists of product design and spatial design.

Product design focuses on the development of tangible items that have a specific function within people's everyday lives.

Spatial design is about the designing of three-dimensional spaces in terms of how they are experienced, occupied, or used by people. These spaces can range from those defined by walls and physical elements to those more permeable and determined by ritual, activity, or occupancy. Spatial design incorporates concepts from such fields as architecture, interior design, landscape architecture, urban design etc.

Visual communication addresses how design ideas and outcomes are appropriately presented to the viewer. Design ideas and outcomes are expressed in a manner that makes visible the learner's thoughts, allowing for engagement, feedback, and collaboration.

By developing the skills and techniques of Design and Visual Communication, learners will discover how to give form and expression to their ideas. In order to create purposeful and future-focused design ideas, learners must be willing to experiment, develop, respond to feedback, and reflect on their design thinking to improve and refine the product and spatial design ideas they propose. This helps to build confidence in their strengths, talents, and abilities, as well as resilience, resourcefulness, and a sense of ethical responsibility to the peoples and places they are designing for.

Course Overview

Term 1

Research phase to explore and investigate influential designers related to graphics, product and spatial design. Using the design features of the influential designer, students start creating their own graphics or product design ideas. The whole process takes at least 15 weeks. The emphasis is on how students can use the influential designers design features and produce freehand sketches to communicate their own design ideas.

Term 2

First half of Term 2 is a focus on skill development around rendering techniques and graphic practice.

Second half of term 2, we start with a new project based on spatial design. Students research, investigate, and do critical analysis around the design brief they are given and further develop the design ideas through graphics practice. A more in depth development process, more freehand sketches and rendering techniques are explored during this time.

Term 3

The focus in the first half of term 3 is to work on development and detailed drawings and on going research.

Second half of term 3 is about learning skills and techniques on promoting an organised body of design work to an audience using visual communication techniques.

Term 4

The major focus in term 4 is to compile and complete the design portfolio and submit it for external assessment.

Learning Areas:

[Technology](#)

Pathway

[NCEA Level 2 Design and Visual Communication](#)

Possible Jobs using your Graphics Skills

Illustrator, Graphic Designer, Model Maker, Interior Designer, Landscape, Sign Maker, Web Design, Architect, Animator, Advertising, Scenic Designer, Cartoonist, Product Design.

Assessment Information

Students will be doing 4 Internals and 1 External Achievement standards. The students will get total of 19 credits in Level 1 DVC.

Evidence for assessment will be produced during the school year while you are studying this subject. This will include folio presentations and practical outcomes including observation of your practice in the classroom. Assessment will be in the form of Achievement Standards, both internal and external. Assessment in the Technology Department will be consistent with the school wide assessment policy including opportunities for further assessment.

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91063 v5 Design and Visual Communication 1.30 - Produce freehand sketches that communicate design ideas Construction & Infrastructure: 3 Manufacturing & Technology: 3 Creative Industries: 3	1	E	3			
Total Credits			19	4	0	0

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91066 v4 Design and Visual Communication 1.33 - Use rendering techniques to communicate the form of design ideas Construction & Infrastructure: 3 Manufacturing & Technology: 3 Creative Industries: 3	1	I	3			
A.S. 91067 v5 Design and Visual Communication 1.34 - Use the work of an influential designer to inform design ideas Manufacturing & Technology: 3 Creative Industries: 3	1	I	3			
A.S. 91068 v5 Design and Visual Communication 1.35 - Undertake development of design ideas through graphics practice Construction & Infrastructure: 6 Manufacturing & Technology: 6 Creative Industries: 6	1	I	6			
A.S. 91069 v5 Design and Visual Communication 1.36 - Promote an organised body of design work to an audience using visual communication techniques Construction & Infrastructure: 4 Manufacturing & Technology: 4 Creative Industries: 4	1	I	4	Y		
Total Credits			19	4	0	0

Total Credits Available: 19 credits.

Externally Assessed Credits: 3 credits.

Internally Assessed Credits: 16 credits.

NCEA Level 1 Digital Technologies

1TDIT

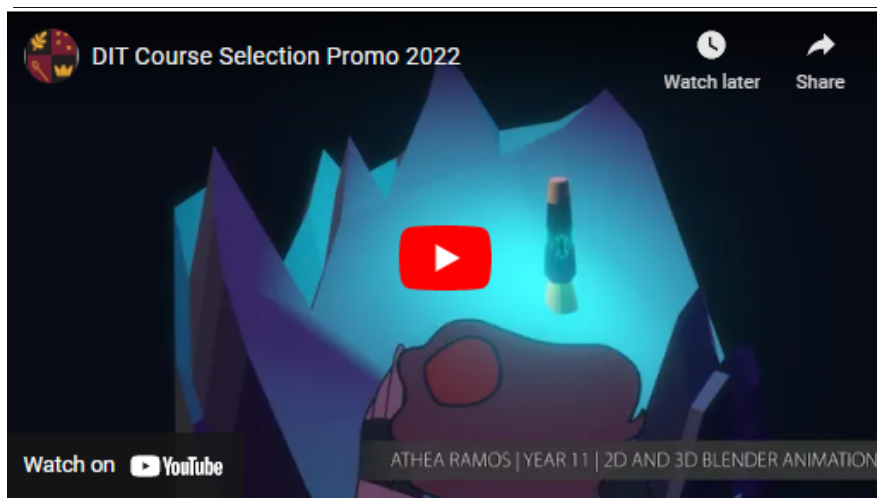


Course Description

Head of Faculty - Kaihautuu: Salman Qureshi

Recommended Prior Learning

Recommended to have done 10DIT, but that is not compulsory.



Come and explore the creative digital technologies; 3D modelling, 3D and 2D animation, visual effects, create virtual environments and share with others to experience. Use programming to create solutions for everyday problems. Bring your animations to life through code and creative software eg Blender, Adobe, Unity.



Course Overview

Term 1

2D and 3D design, modelling and animation - learn basic-advanced techniques

Term 2

2D and 3D design and animation internal assessment

Term 3

C# programming and internal assessment - learn and apply basic-advanced techniques to create a 3D environment with a 2D character

Term 4

Human Computer Interaction - learning and preparation for external assessment

Learning Areas:

[Technology](#)

Pathway

[NCEA Level 2 Digital Technologies](#)

Set the foundation for university study and a career in the digital creative industries - game design, graphic design, programming, web design.

Contributions and Equipment/Stationery

Plug in headphones

Assessment Information

Assessment is through NCEA Achievement Standards; three internal standards and one external report submitted during Term 4.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91880 v1 Digital Technologies 1.4 - Develop a digital media outcome Manufacturing & Technology: 4 Primary Industries: 4 Social & Community Services: 4 Creative Industries: 4	1	I	4	Y		
Total Credits			17	13	0	0

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91883 v1 Digital Technologies 1.7 - Develop a computer program Manufacturing & Technology: 4 Creative Industries: 4	1	I	4			
A.S. 91884 v1 Digital Technologies 1.8 - Use basic iterative processes to develop a digital outcome Construction & Infrastructure: 6 Manufacturing & Technology: 6 Primary Industries: 6 Services Industries: 6 Social & Community Services: 6 Creative Industries: 6	1	I	6	Y		
A.S. 91886 v1 Digital Technologies 1.10 - Demonstrate understanding of human computer interaction Manufacturing & Technology: 3 Creative Industries: 3	1	E	3	Y		
Total Credits			17	13	0	0

Total Credits Available: 17 credits.
Externally Assessed Credits: 3 credits.
Internally Assessed Credits: 14 credits.

NCEA Level 1 Engineering

1TEGR



Course Description

Head of Faculty - Kaihautuu: Salman Qureshi

Recommended Prior Learning

Students should have an interest in working with their hands. Ideally, they would have someone in their family with engineering or mechanical experience.

This course is provided by Computenz. Within the course students will make a small engineering project that will build on the skills they have learned in year 10.

Students will be expected to use lathes and mills, as well as, handtools/power tools with confidence. They will complete three units of work involving safety, design and basic engineering skills.

This course is ideal for someone who is looking to enter the workplace as an apprentice engineer rather than continuing into year 13.

Course Overview

Term 3

Students will complete three units of work 22926, 22924, 22923 units and associated practical work to be completed by the end of this term

Learning Areas:

[Technology](#)

[Detailed Course Outline](#)

Pathway

[NCEA Level 2 Engineering](#)

Assessment Information

Students will complete three units of work 22926, 22924, 22923

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 22923 v3 Demonstrate basic engineering workshop skills under close supervision Construction & Infrastructure: 12 Manufacturing & Technology: 12 Primary Industries: 12	1	I	12			
U.S. 22924 v3 Develop a simple product using engineering materials Construction & Infrastructure: 10 Manufacturing & Technology: 10	1	I	10			
U.S. 22926 v3 Demonstrate knowledge of safety procedures in a specific engineering workshop Construction & Infrastructure: 2 Manufacturing & Technology: 2	1	I	2			
Total Credits			24	0	0	0

Total Credits Available: 24 credits.

Internally Assessed Credits: 24 credits.

NCEA Level 1 Food and Nutrition

1TFNT



Course Description

Head of Faculty - Kaihautuu: Salman Qureshi

Recommended Prior Learning

Basic knowledge of food preparation and food safety is beneficial but NOT essential

This course is recommend for students interested in the study of Nutrition and Food related issues. You will be introduced to the main topics that are studied in nutrition. Starting with basic nutrition, we then develop an understanding of safety and hygiene in the kitchen. As you become more familiar with these, we can then apply these to real life situations where you can develop your meal planning skills and justify food choices based on the Food and Nutrition Guidelines. Cooking practicals form a small component of the course.



- Food and Nutrition is all about the foods we eat and the choices we make made about food.
- Food safety and hygiene is studied to give students a working knowledge of safe food practices.
- Choosing the right foods to suit different gender and lifestyle.

WHAT WILL I LEARN?

- Basic nutrition and the promotion of healthier food choices
- Food hygiene
- Safe practices in the kitchen
- Planning, preparing and serving of food
- How food packaging influences the choices made when choosing foods.

Course Overview

Term 1

Unit 1 - Demonstrate knowledge of practices and strategies to address food handling issues

Term 2

Unit 2 - Demonstrate knowledge of an individual's nutritional needs

Term 3

Unit 3 - Demonstrate understanding of how Cultural Practices influences Eating Patterns in NZ

Term 4

Unit 4 - Demonstrate understanding of how packaging information influences an individual's food choices and well-being

Learning Areas:

[Technology](#)

Pathway

[NCEA Level 2 Food and Nutrition](#)

The skills developed in Food and Nutrition are important to all careers in nutrition, food science and technology, catering and hospitality, or for anyone who may be thinking about a career in any of the technological areas.

Assessment Information

the course offers 3 internal Achievement Standards and 1 external Achievement Standard.

Credit Information

This course is eligible for subject endorsement.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90956 v3 Home Economics 1.1 - Demonstrate knowledge of an individual's nutritional needs Primary Industries: 5 Services Industries: 5 Social & Community Services: 5	1	I	5			
A.S. 90958 v3 Home Economics 1.3 - Demonstrate understanding of how cultural practices influence eating patterns in New Zealand Services Industries: 5 Social & Community Services: 5	1	I	5	Y		
A.S. 90959 v3 Home Economics 1.4 - Demonstrate knowledge of practices and strategies to address food handling issues Primary Industries: 5 Services Industries: 5 Social & Community Services: 5	1	I	5	Y		
A.S. 90961 v3 Home Economics 1.6 - Demonstrate understanding of how packaging information influences an individual's food choices and well-being Primary Industries: 4 Services Industries: 4 Social & Community Services: 4	1	E	4	Y		
Total Credits			19	14	0	0

Total Credits Available: 19 credits.
Externally Assessed Credits: 4 credits.
Internally Assessed Credits: 15 credits.

NCEA Level 1 Hard Materials Technology

1TTEC



Course Description

Head of Faculty - Kaihautuu: Salman Qureshi

Recommended Prior Learning

Ideally, students should have worked through the year technology 10 programmes and gained at least Achieved in most areas. They should be confident working in the workshop and be "out of the box" thinkers.

You will be introduced to the main topics that are used in Hard Materials technology. Starting with craft skills, we develop an understanding of how to programme an IC chip, 3d modelling and printing. As you become more familiar with these, we can then apply these to some technical problems where you can develop your own ideas and present your solutions.

Students will have to complete an essay-style record of their practical work involving design, development, brief and specification, stakeholder feedback and testing in order to meet the requirements of NCEA standards. Prospective students should have a good grasp of basic hand tool usage and be capable writers.

Course Overview

Term 1

Students start the research to find a problem, identify a client and stakeholders and draft a brief and specification.

Term 2

Students develop their solutions alongside stakeholder feedback and environmental considerations.

Term 3

Students refine their product and complete an external with the focus on the importance of product/prototype testing and the lessons it provides.

Learning Areas:

[Technology](#)

Pathway

[NCEA Level 2 Hard Materials Technology](#)

Contributions and Equipment/Stationery

Students are required to have access to a good laptop with the ability to download fusion 360 (modelling software).

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91044 v3 Generic Technology 1.1 - Undertake brief development to address a need or opportunity Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Creative Industries: 4	1	I	4	Y		
A.S. 91047 v4 Generic Technology 1.4 - Undertake development to make a prototype to address a brief Construction & Infrastructure: 6 Manufacturing & Technology: 6 Primary Industries: 6 Creative Industries: 6	1	I	6			
A.S. 91048 v4 Generic Technology 1.5 - Demonstrate understanding of how technological modelling supports decision-making Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Creative Industries: 4	1	E	4	Y		
Total Credits			14	8	0	0

Total Credits Available: 14 credits.

Externally Assessed Credits: 4 credits.

Internally Assessed Credits: 10 credits.

NCEA Level 2 Building

2TBLD



Course Description

Head of Faculty - Kaihautuu: Salman Qureshi

We recommend students interested in a possible career in the construction industry or those looking for skills and knowledge that will be useful in later life take this course.

Set up to give students interested in the construction industry a focussed, authentic learning environment. Students would be building garden furniture and other indoor projects. It continues the practical the theory skills learned in Year 11.

It is highly recommended that students have done Level 1 Building course in order to transfer the basic skills to Level 2 Building.

WHAT WILL I LEARN?

- Safe workshop practice.
- The correct use of hand tools and some power tools.
- A range of joining and finishing methods.
- Correct construction techniques.



Course Overview

Term 1

Safe working practice
Workshop processes
Materials knowledge
Testing and trialing materials and processes
Project making

Term 2

Project making
Safe working practice
Garden furniture
Planning and monitoring

Term 3

Project making
Safe working practice
Planning and monitoring

Term 4

Completing the course unit standards and practical.

Learning Areas:

[Technology](#)

Assessment Information

The course has 3 Unit Standards to work on provided by BCITO our external ITO provider.

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 12932 v5 Construct timber garden furniture as BCATS projects Construction & Infrastructure: 8	2	I	8			
U.S. 24354 v3 Demonstrate knowledge of health and safety legislation and apply safe working practices in a BCATS environment Construction & Infrastructure: 4	2	I	4			
Total Credits			15	0	0	0

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 24358 v3 Plan and monitor the construction of a BCATS project, and quality check the product Construction & Infrastructure: 3	2	I	3			
Total Credits			15	0	0	0

Total Credits Available: 15 credits.
Internally Assessed Credits: 15 credits.

NCEA Level 2 Catering

2TCAT



Course Description

Head of Faculty - Kaihautuu: Salman Qureshi

Recommended Prior Learning

Some basic knowledge of food safety and food preparation, covered in year 11 CAT and 11 FNT would be beneficial BUT not compulsory.

This course is recommend for students interested in developing their practical skills in food preparation and who want to learn more about the hospitality industry.



You will become acquainted with working in the commercial kitchen. Food safety and personal hygiene are covered in depth throughout the year.

The first unit covers food safety methods used in a food business, which is a prerequisite for achieving any of the food related topics. You then move onto developing skills in handling of knives, preparing fruit and vegetable cuts, grilling foods, making interesting salads and a range of different sandwiches.

Catering is all about preparing food safely and hygienically for commercial purposes

- The course is delivered using SERVICE IQ units of work
- Workbooks are provided and each unit is internally assessed
- Workbooks, theory tests and practical assessments.
- Practical skills related to each topic as well as the associated theory
- At the end of each unit you will be assessed to check your level of understanding
- Practical observations will be carried out as if you are in a commercial kitchen
- Job opportunities for cafes, restaurants, tertiary studies at AUT and MIT

Course Overview

Term 1

Unit 1 - Food Safety

Unit 2 - Handle and maintain knives in a commercial kitchen

Term 2

Unit 3 - Preparation of Fruit and Veg in a commercial kitchen

Unit 4 - Prepare and present a variety of Hot and cold Salads

Unit 5 - Prepare and present a variety of Sandwiches

Term 3

Unit 6 - Demonstrate knowledge of commercial espresso coffee equipment and prepare espresso beverages

Unit 7 - Cook food items by baking

Term 4
Unit 8 - Cook food items by grilling
Unit 9 - Cook food items by frying

Learning Areas:
[Technology](#)

Pathway
[NCEA Level 3 Catering](#)

The skills developed in Catering are important for students who wish to follow a career in the Hospitality and Catering area. This could be a broad range from being a barista to a pastry chef.

Assessment Information
All assessment have a Theory (open book, test format) and Practical (execution of a variety of skills) component.
All units are internally assessed.
Workbooks and activities are completed. A test is written at the end of each unit and practical skills are observed and assessed regularly.

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 167 v9 Practise food safety methods in a food business under supervision Services Industries: 4	2	I	4			
U.S. 13271 v6 Cook food items by frying Services Industries: 2	2	I	2			
U.S. 13272 v6 Cook food items by baking Services Industries: 2	2	I	2			
U.S. 13276 v6 Cook food items by grilling Services Industries: 2	2	I	2			
U.S. 13280 v7 Prepare fruit and vegetable cuts in a commercial kitchen Services Industries: 2	2	I	2			
U.S. 13281 v7 Prepare and assemble, and present basic sandwiches for service Services Industries: 2	2	I	2			
U.S. 13283 v6 Prepare and assemble, and present salads for service Services Industries: 2	2	I	2			
U.S. 13285 v6 Handle and maintain knives in a commercial kitchen Services Industries: 2	2	I	2			
U.S. 17285 v10 Demonstrate knowledge of commercial espresso coffee equipment and prepare espresso beverages under supervision Services Industries: 4	2	I	4			
Total Credits			22	0	0	0

Total Credits Available: 22 credits.
Internally Assessed Credits: 22 credits.

NCEA Level 2 Computer Applications

2TCOM



Course Description

Head of Faculty - Kaihautuu: Salman Qureshi

Recommended Prior Learning

Students will be keen computer users and want to learn skills in a range of applications to make them efficient users of various programs which can assist us in our everyday and employment lives.

Computer Applications

Students will develop employment entry level computing skills in a range of applications. These skills will be valuable for school, further education, employment and leisure activities.

Microsoft Word (word processing)
Microsoft Excel (spreadsheets)
Microsoft Access (databases)
draw.io (flow charts and schematic diagrams)
Inkscape/GIMP (digital images)



Students work at their own pace and level of expertise through online workbooks and assessments.

Course Overview

Term 1

Learning and assessments in:
Microsoft Word (word processing)
File Management
Schematic diagrams/Flow charts using draw.io /

Term 2

Learning and assessments in:
Digital images using gimp / inkscape / photoshop
Spreadsheets using Microsoft Excel (spreadsheets)

Term 3

Learning and assessment in:
Databases using Microsoft Access (databases)

Term 4

Completion of all course assessments

Learning Areas:

[Technology](#)

Pathway

[NCEA Level 3 Computer Applications](#)

This leads to... employment in administrative areas across a range of job and industry settings.

Assessment Information

Skills are assessed through Unit Standards. Students should complete two (2) assessments per term if they are working to potential. This course does not lead to University Entrance, but does contribute towards NCEA certificates.

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 12885 v8 Create and enhance electronic documents combining text and images for generic text and information management	2	I	4			
U.S. 29770 v2 Use the main features and functions of a spreadsheet application for a purpose Construction & Infrastructure: 3 Manufacturing & Technology: 3 Primary Industries: 3 Services Industries: 3 Social & Community Services: 3 Creative Industries: 3	2	I	4			
U.S. 29772 v2 Manage files and folders using digital devices Construction & Infrastructure: 2 Manufacturing & Technology: 2 Primary Industries: 2 Services Industries: 2 Social & Community Services: 2 Creative Industries: 2	2	I	2			
U.S. 29773 v2 Produce digital images for a range of digital media Manufacturing & Technology: 3 Services Industries: 3 Social & Community Services: 3 Creative Industries: 3	2	I	3			
U.S. 29777 v2 Use the main features and functions of a database application to create and test a database Construction & Infrastructure: 3 Manufacturing & Technology: 3 Primary Industries: 3 Services Industries: 3 Social & Community Services: 3 Creative Industries: 3	2	I	3			
Total Credits			18	0	0	0

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 29778 v2 Use the main features and functions of a schematic diagram application to create diagrams Construction & Infrastructure: 2 Manufacturing & Technology: 2 Creative Industries: 2	2	I	2			
Total Credits			18	0	0	0

Total Credits Available: 18 credits.
Internally Assessed Credits: 18 credits.

NCEA Level 2 Design and Visual Communication

2TDVC



Course Description

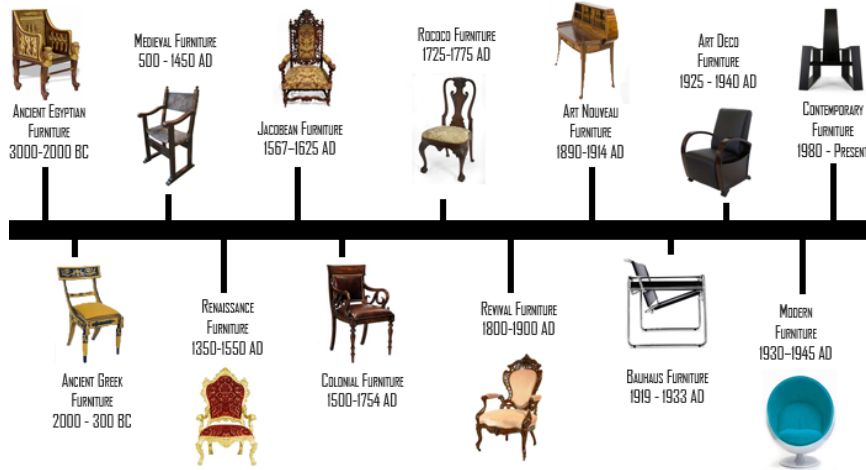
Head of Faculty - Kaihautuu: Salman Qureshi

Recommended Prior Learning

Students need to have done Level 1 DVC in order to take this course. This will be an advanced level of product and spatial design.

Design and Visual Communication Level 2 focuses on utilizing the skills acquired in Level 1 DVC whilst developing your own drawing style.

This course focuses on Product design and Spatial Design - Architecture which can include landscaping, gallery, common rooms, arena, stadiums using the characteristics of a design movement or era to inform own design ideas.



Course Overview

Term 1

Introduction to Design era and movements.
Ideation and Product Design Project based on Lighting

Term 2

Product Design project due

Ideation and Spatial Design project begin

Term 3

Spatial Design Project due

Term 4

Compiling Project portfolio for external marking

Learning Areas:

[Technology](#)

Pathway

[NCEA Level 3 Design and Visual Communication](#)

Assessment Information

Students are able to attain 19 credits total with 3 of these standards externally assessed.
The assessment is portfolio based. Students are able to attain 15 internal credits and 3 external credits in this course.

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91337 v3 Design and Visual Communication 2.30 - Use visual communication techniques to generate design ideas Construction & Infrastructure: 3 Manufacturing & Technology: 3 Primary Industries: 3 Creative Industries: 3	2	E	3			
A.S. 91340 v4 Design and Visual Communication 2.33 - Use the characteristics of a design movement or era to inform own design ideas Creative Industries: 3	2	I	3	Y		
A.S. 91341 v4 Design and Visual Communication 2.34 - Develop a spatial design through graphics practice Construction & Infrastructure: 6 Manufacturing & Technology: 6 Creative Industries: 6	2	I	6	Y		
A.S. 91342 v4 Design and Visual Communication 2.35 - Develop a product design through graphics practice Construction & Infrastructure: 6 Manufacturing & Technology: 6 Creative Industries: 6	2	I	6			
Total Credits			18	9	0	0

Total Credits Available: 18 credits.
Externally Assessed Credits: 3 credits.
Internally Assessed Credits: 15 credits.

NCEA Level 2 Digital Technologies

2TDIT



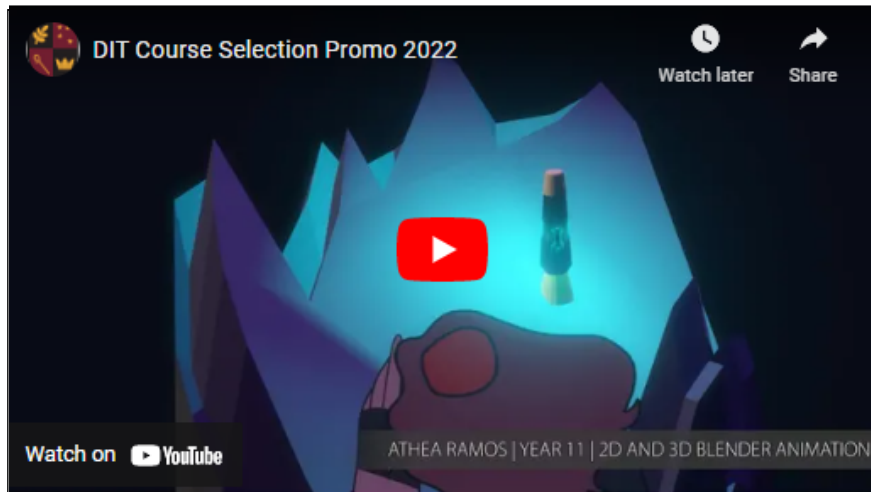
Course Description

Head of Faculty - Kaihautuu: Salman Qureshi

Recommended Prior Learning

NCEA Level 1 Digital Technologies is highly recommended. Students who have not taken part in the Level 1 course must have an interview with DIT staff and will be expected to show evidence of digital outcomes they have created AND/OR complete a pre-entry course of learning and task completion before February in the following year, in order to have course selection approved with DIT staff.

Create and develop a functional, interactive app from initial planning, to developing a 3D world with 3D animated character/s, for end user entertainment. Bring your animations to life through code and creative software!



Students will apply advanced techniques from Blender, Adobe Creative Suite and Unity to produce their 3D design, animation and programming based on the latest industry practices and standards.

Their app will include optimised 3D models and character/s ready for animation and rigging – techniques to be used are retopology, sculpting, inverse kinematics... User Interface (UI) design will be added for interactivity for the user. Programming in Unity will ensure functionality meets design in a creative and efficient way.



Course Overview

Term 1

2D and 3D character design and animation using advanced-complex techniques; eg animation conventions, texture mapping, rigging, sculpting, retopology, Adobe Creative Suite apps, Unity, UI design.

Term 2

2D and 3D interactive app internal assessment

Term 3

C# programming and internal assessment using advanced-complex techniques

Term 4

Reflect on project development practice undertaken as preparation for the external assessment report

Learning Areas:

[Technology](#)

Pathway

[NCEA Level 3 Digital Technologies](#)

Set the foundation for university study and a career in the digital creative industries - game design, graphic design, programming, web design.

Contributions and Equipment/Stationery

Plug in headphones

Laptop or PC capable of running the software required for the course is an advantage

Assessment Information

Assessments are Achievement Standards, of which there are three internal standards and one external report submission - all assessment work is based on one project being the development and creation of a digital outcome ie an interactive animation

Credit Information

This course is eligible for subject endorsement.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91893 v1 Digital Technologies and Hangarau Matihiko 2.4 - Use advanced techniques to develop a digital media outcome Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Social & Community Services: 4 Creative Industries: 4	2	I	4			
A.S. 91896 v1 Digital Technologies and Hangarau Matihiko 2.7 - Use advanced programming techniques to develop a computer program Construction & Infrastructure: 6 Manufacturing & Technology: 6 Creative Industries: 6	2	I	6			
A.S. 91897 v1 Digital Technologies and Hangarau Matihiko 2.8 - Use advanced processes to develop a digital technologies outcome Construction & Infrastructure: 6 Manufacturing & Technology: 6 Primary Industries: 6 Services Industries: 6 Social & Community Services: 6 Creative Industries: 6	2	I	6			
A.S. 91899 v1 Digital Technologies and Hangarau Matihiko 2.10 - Present a summary of developing a digital outcome Construction & Infrastructure: 3 Manufacturing & Technology: 3 Primary Industries: 3 Services Industries: 3 Social & Community Services: 3 Creative Industries: 3	2	E	3	Y		
Total Credits			19	3	0	0

Total Credits Available: 19 credits.

Externally Assessed Credits: 3 credits.

Internally Assessed Credits: 16 credits.

NCEA Level 2 Engineering

2TEGR



Course Description

Head of Faculty - Kaihautuu: Salman Qureshi

Recommended Prior Learning

It is recommended that students have completed year 11 engineering before selecting this course. Priority will be given to those who have completed all of the required work from the previous year.

This course is provided by Computenz. Within the course, students will make a small engineering project that will build on the skills they have learned in year 11.

Students will be expected to use lathes and mills, as well as, handtools/power tools with confidence. They will complete three units of work involving the understanding of mechanical engineering drawings, fabrication and use of machines.

This course is ideal for someone who is looking to enter the workplace as an apprentice engineer rather than continuing into year 13.

Course Overview

Term 3

Unit standards 32051, 32053 and 32055 completed at the end of term

Learning Areas:

[Technology](#).

[Detailed Course Outline](#)

Assessment Information

Unit standards 32051, 32053 and 32055

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 32051 v1 Demonstrate and apply knowledge of mechanical engineering drawings and geometric construction in MaPS environment	2	I	4			
U.S. 32053 v1 Demonstrate knowledge of and apply good work practices when performing machining operations in MaPS environment	2	I	7			
U.S. 32055 v1 Demonstrate knowledge of and apply good work practices when performing simple fabrication operations in MaPS environment	2	I	7			
Total Credits			18	0	0	0

Total Credits Available: 18 credits.

Internally Assessed Credits: 18 credits.

NCEA Level 2 Food and Nutrition

2TFNT



Course Description

Head of Faculty - Kaihautuu: Salman Qureshi

Recommended Prior Learning

Knowledge gained in Level 1 FNT is essential. You require 6 credits in Level 1 Food and Nutrition or 16 credits in Level 1 English

This course is recommend for students interested in the study of Nutrition and Food related issues.

You will be introduced to the main topics that are studied in nutrition which includes basic nutrition, we then develop an understanding of influences on food choices. As you become more familiar with these, we can then apply these to real life situations where you can develop your meal planning skills and justify food choices based on the Food and Nutrition Guidelines. Evaluating choices against individual needs.



- Food and Nutrition is all about the foods we eat and the choices made about food.
- Level 2 Food and Nutrition looks at issues related to food choices and society
- Choosing the right foods to suit different gender and lifestyle, medical issues and issues affecting New Zealand.

WHAT WILL I LEARN?

- Human nutrition
- The impact of a national food issue on New Zealand families.
- How food related issues affect individual and their families.
- The use of health promotional materials.

Course Overview

Term 1

Unit 1 - Analyse issues related to the provision of food for people with specific food needs

Term 2

Unit 2 - Analyse beliefs, attitudes and practices related to a nutritional issue for families in New Zealand

Term 3

Unit 3 - Analyse practices to enhance well-being used in care provision in the community

Term 4

Unit 4 - Evaluate health promoting strategies designed to address a nutritional need

Learning Areas:

[Technology](#)

Pathway

[NCEA Level 3 Food and Nutrition](#)

The skills developed in Food and Nutrition are important to all careers in nutrition, food science and technology, Nannying, catering and hospitality, or for anyone who may be thinking about a career in any of the technological areas.

Assessment Information

the course offers 3 internal Achievement Standards and 1 external Achievement Standard. Assessments requires Report writing and are essay based.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91299 v2 Home Economics 2.1 - Analyse issues related to the provision of food for people with specific food needs Services Industries: 5 Social & Community Services: 5	2	I	5	Y		
A.S. 91301 v2 Home Economics 2.3 - Analyse beliefs, attitudes and practices related to a nutritional issue for families in New Zealand Services Industries: 5 Social & Community Services: 5	2	I	5	Y		
A.S. 91303 v2 Home Economics 2.5 - Analyse practices to enhance well-being used in care provision in the community Social & Community Services: 5	2	I	5	Y		
A.S. 91304 v2 Home Economics 2.6 - Evaluate health promoting strategies designed to address a nutritional need Social & Community Services: 4	2	E	4	Y		
Total Credits			19	19	0	0

Total Credits Available: 19 credits.

Externally Assessed Credits: 4 credits.

Internally Assessed Credits: 15 credits.

NCEA Level 2 Hard Materials Technology

2TTEC



Course Description

Head of Faculty - Kaihautuu: Salman Qureshi

Recommended Prior Learning

The student should have completed level 1 technology and preferably already have knowledge in the discipline that they wish to use to tackle the design challenge.



This course will develop the skills the student has learned in level 1 Technology Hard Materials.

Students will be able to choose from a range of disciplines, engineering, 3d modelling, 3d printing, woodwork, programming, laser cutting etc to solve a real-world issue or problem they have Identified in a design challenge.

They will tackle a brief and specification then move on to producing various prototypes, with the goal of refining and developing a good solution. They will work closely with a stakeholder to ensure their prototype meets the needs of their clients.

Their project will focus on the sustainability of their design/manufacture and material selection.

Students should have a good grasp of literacy skills involved in writing essays

Course Overview

Term 1

Students start the research to find a problem, identify a client and stakeholders and draft a brief and specification.

Term 2

Students develop their solutions alongside stakeholder feedback and environmental considerations.

Term 3

Students refine their product and complete an external with the focus of sustainability.

Learning Areas:

[Technology](#)

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91354 v3 Generic Technology 2.1 - Undertake brief development to address an issue Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Creative Industries: 4	2	I	4	Y		
A.S. 91357 v3 Generic Technology 2.4 - Undertake effective development to make and trial a prototype Construction & Infrastructure: 6 Manufacturing & Technology: 6 Primary Industries: 6 Creative Industries: 6	2	I	6			
A.S. 91363 v3 Generic Technology 2.10 - Demonstrate understanding of sustainability in design Construction & Infrastructure: 4 Manufacturing & Technology: 4 Creative Industries: 4	2	E	4	Y		
Total Credits			14	8	0	0

Total Credits Available: 14 credits.

Externally Assessed Credits: 4 credits.

Internally Assessed Credits: 10 credits.

NCEA Level 3 Catering

3TCAT



Course Description

Head of Faculty - Kaihautuu: Salman Qureshi

Recommended Prior Learning

Some basic knowledge of food safety and food preparation, covered in year 12 CAT and 12 FNT would be beneficial. must have complete US168

This course is recommend for students interested in developing their practical skills in food preparation and who want to learn more about the hospitality industry. You will become acquainted with working in the commercial kitchen. Food safety and personal hygiene are covered in depth throughout the year.

You will become acquainted with working in the commercial kitchen with time pressure and actual customers. Basic nutrition, complex sandwiches and some coffee units will be covered in the course content.



- Catering is all about preparing food safely and hygienically for commercial purposes.
- The course is delivered using SERVICE IQ units of work
- Workbooks are provided and each unit is internally assessed
- Workbooks, theory tests and practical assessments.
- Participating in events out of school "hours" is compulsory. This could include a lunchtime café for staff, sports exchange lunches and other catering events

Course Overview

Term 1

Unit 1 - Demonstrate knowledge of food contamination hazards, and control methods used in a food establishment

Unit 2 - Demonstrate knowledge of culinary products, terms, and food preparation methods

Term 2

Unit 3 - Demonstrate knowledge of coffee origin and production

Term 3

Unit 4 - Prepare, assemble, and present complex sandwiches for service in a commercial kitchen

Term 4

Unit 5 - Demonstrate knowledge of nutrition in commercial catering

Learning Areas:

[Technology](#)

Assessment Information

All assessment have a Theory (open book, test format) and Practical (execution of a variety of skills) component.

All units are internally assessed.

Workbooks and activities are completed and practical skills are observed and assessed regularly.

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 168 v7 Demonstrate knowledge of food contamination hazards, and control methods used in a food establishment	3	I	4			
U.S. 13282 v6 Prepare, assemble, and present complex sandwiches for service in a commercial kitchen	3	I	2			
U.S. 13343 v7 Demonstrate knowledge of nutrition in commercial catering	3	I	5			
U.S. 17284 v7 Demonstrate knowledge of coffee origin and production	3	I	3			
U.S. 18497 v9 Demonstrate knowledge of culinary products, terms, and food preparation methods	3	I	8			
Total Credits			22	0	0	0

Total Credits Available: 22 credits.

Internally Assessed Credits: 22 credits.

NCEA Level 3 Computer Applications

3TCOM



Course Description

Head of Faculty - Kaihautuu: Salman Qureshi

Recommended Prior Learning

It would be an advantage to have done Computer Applications at Level 2 but it is not necessary.

Computer Applications

Students will develop advanced skills in a range of Microsoft applications which will be useful at school, for further education, employment and leisure activities:

Microsoft Word (word processing)
Microsoft Excel (spreadsheets)
Microsoft Access (databases)



Students undertake a course of online learning and assessment, working on applications relevant for them, at their own pace.

Course Overview

Term 1

Microsoft Word - word processing

Term 2

Select one area of learning and assessment from:

Microsoft Word - word processing
Microsoft Access - database
Microsoft Excel - spreadsheet

Term 3

Select one area of learning and assessment from:

Microsoft Word - word processing
Microsoft Access - database
Microsoft Excel - spreadsheet

Term 4

Complete all assessment work

Learning Areas:

[Technology](#)

Assessment Information

Skills are assessed through Unit Standards. Students should complete one assessment per term from the list of learning areas and assessments. This course does not lead to University Entrance, but does contribute towards NCEA certificate.

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 112 v9 Produce business or organisational information using word processing functions	3	I	5			
U.S. 12886 v8 Customise software features and create document templates for generic text and information management	3	I	6			
U.S. 12887 v8 Integrate text and images and manage multiple files for generic text and information management	3	I	6			
U.S. 29786 v2 Produce a spreadsheet for organisational use	3	I	5			
U.S. 29787 v2 Produce and use a relational database to provide a solution for organisational use	3	I	5			
Total Credits			27	0	0	0

Total Credits Available: 27 credits.

Internally Assessed Credits: 27 credits.

NCEA Level 3 Design and Visual Communication

3TDVC



Course Description

Head of Faculty - Kaihautuu: Salman Qureshi

Level 3 Design and Visual Communication course teaches students to use Graphics to solve design problems. The course is focused on the student taking control of the content within the topics taught. The emphasis is on design and designers; using the information gathered to influence the student's work. Topics covered are: "Develop and Resolve Spatial Design" and "Develop and Resolve Product design". Incorporated in this is Exhibiting a Visual Presentation of their own Design.



Design and Visual Communication (DVC) Level 3 provides a range of study options that align with Spatial Design and Product Design related tertiary study and professions, as well as emerging Creative Industries.

Students at Level 3 mostly specialize and complete either Product Design or Architectural/Spatial Design specific Achievement Standards but can do two smaller projects that combine both if they wish. Students choose from a range of Achievement Standards that aligns with their interests and likely future tertiary goals (between 16 and 24 credits).

Students explore and refine design ideas through divergent drawings, writing, freehand sketching, design notation, instrumental drawing, 3D printing, laser cutting and a range of CAD software.

Course Overview

Term 1

Introduction to design brief

Initiate design ideas through extensive exploration using visual communication strategies to challenge thinking and extend and transform ideas to form design ideas.

Term 2

Interrogation and re-generation of ideas including abstraction, re-combination, tessellation, exaggeration, rotation, inversion, translation, deconstruction.

Resolve a spatial/product design through graphics practice

Term 3

Produce working drawings to communicate production details for a complex design.

Term 4

Compiling the design portfolio and develop a visual presentation that exhibits a design outcome to an audience

Learning Areas:

[Technology](#)

Assessment Information

The assessments are spatial and or product based portfolio with 16 - 22 credits in total. There are optional 1 - 2 externals and 2 internals to complete throughout the year.

Credit Information

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91627 v3 Design and Visual Communication 3.30 - Initiate design ideas through exploration Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Services Industries: 4 Creative Industries: 4	3	E	4		*	
A.S. 91629 v3 Design and Visual Communication 3.32 - Resolve a spatial design through graphics practice Construction & Infrastructure: 6 Manufacturing & Technology: 6 Creative Industries: 6	3	I	6		*	
A.S. 91630 v3 Design and Visual Communication 3.33 - Resolve a product design through graphics practice Construction & Infrastructure: 6 Manufacturing & Technology: 6 Creative Industries: 6	3	I	6		*	
A.S. 91631 v3 Design and Visual Communication 3.34 - Produce working drawings to communicate production details for a complex design Construction & Infrastructure: 6 Manufacturing & Technology: 6 Primary Industries: 6 Creative Industries: 6	3	E	6		*	
Total Credits			22	0	0	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: **22**

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 22 credits.

Externally Assessed Credits: 10 credits.

Internally Assessed Credits: 12 credits.

NCEA Level 3 Digital Technologies

3TDIT



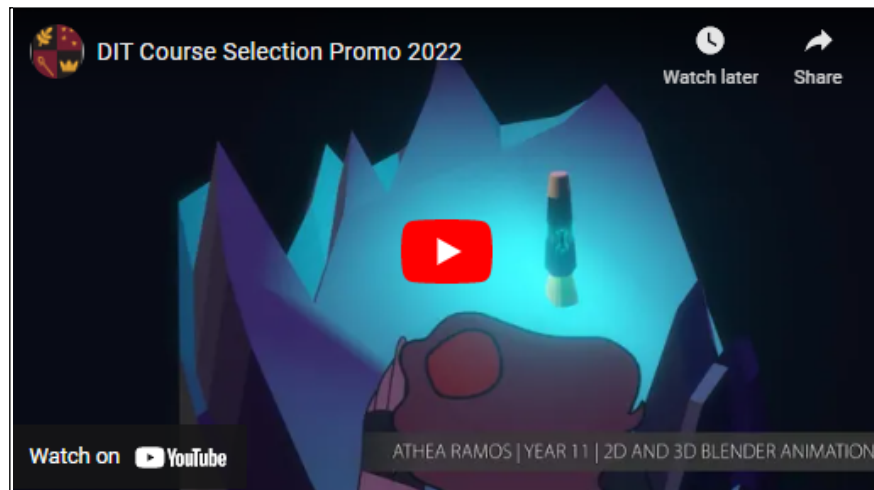
Course Description

Head of Faculty - Kaihautuu: Salman Qureshi

Recommended Prior Learning

Students will have taken part in the Level 1 & Level 2 Digital Technologies courses. In extenuating circumstances students new to the subject at Level 3 will be expected to have an interview with DIT staff and show evidence of digital outcomes they have created AND/OR complete a pre-entry course of learning and task completion before February in the following year, in order to have course selection approved with DIT staff.

Create and develop your own game from the initial planning, to developing a 3D environment and characters for the game, to editing a promotional video of the interactive game...



Students will use Blender, Adobe Creative Suite, Unity and C# to present a functional digital outcome in line with today's apps. They will apply complex techniques in 3D character design, animation and programming based on the latest industry practices and standards.

Their game will include optimised 3D models ready for animation and rigging, applying visual effects, programming and User Interface (UI) design to bring their characters to life for both gaming and video.

Students may export their outcomes for the internet, apps or XR.

This course prepares students for industry or further study at university.



Course Overview

Term 1

Learning of complex programming, modelling, animation skills in preparation for assessment project covering three internal achievement standards

Term 2

Assessment project: design and create a 3D interactive digital technologies outcome

Term 3

Completion of assessment project

Term 4

Preparation for external report submission

Learning Areas:

[Technology.](#)

Contributions and Equipment/Stationery

Plug in headphones

Laptop or PC capable of running the software required for the course is an advantage

Assessment Information

Assessments are Achievement Standards which contribute to University Entrance - all assessment work is based on the one project which fulfils three internal standards due in Term 3, and one external report for submission in Term 4

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91903 v1 Digital Technologies and Hangarau Matihiko 3.4 - Use complex techniques to develop a digital media outcome Construction & Infrastructure: 4 Manufacturing & Technology: 4 Primary Industries: 4 Social & Community Services: 4 Creative Industries: 4	3	I	4			
A.S. 91906 v1 Digital Technologies and Hangarau Matihiko 3.7 - Use complex programming techniques to develop a computer program Construction & Infrastructure: 6 Manufacturing & Technology: 6 Creative Industries: 6	3	I	6			
A.S. 91907 v1 Digital Technologies and Hangarau Matihiko 3.8 - Use complex processes to develop a digital technologies outcome Construction & Infrastructure: 6 Manufacturing & Technology: 6 Primary Industries: 6 Services Industries: 6 Social & Community Services: 6 Creative Industries: 6	3	I	6			
A.S. 91909 v1 Digital Technologies and Hangarau Matihiko 3.10 - Present a reflective analysis of developing a digital outcome Construction & Infrastructure: 3 Manufacturing & Technology: 3 Primary Industries: 3 Services Industries: 3 Social & Community Services: 3 Creative Industries: 3	3	E	3	Y		
Total Credits			19	3	0	0

Total Credits Available: 19 credits.

Externally Assessed Credits: 3 credits.

Internally Assessed Credits: 16 credits.

NCEA Level 3 Food and Nutrition

3TFNT



Course Description

Head of Faculty - Kaihautuu: Salman Qureshi

Recommended Prior Learning

Some basic nutritional knowledge is beneficial. You require 16 credits in Level 2 Food and Nutrition or 16 credits in Level 2 English

This course is recommended for students interested in developing their creative ability and scientific inquiry when working with food, with a focus on the nutritional and developmental requirement of people with altered food needs.

You will be introduced to the main topics that are studied in nutrition. Starting with basic nutrition, we then develop an understanding of influences on food choices. As you become more familiar with these, we can then apply these to real life situations where you can develop your meal planning skills and justify food choices based on the Food and Nutrition Guidelines. Evaluating choices against individual needs.



- Food and Nutrition is all about investigating nutritional issues affecting the well-being of NZ society.
- Level 3 Food and Nutrition focusses on the implementation of an action plan to address a nutritional issues.
- Analysing the influence of food advertising on the well-being of society.

WHAT WILL I LEARN?

- Nutritional needs of people with altered food needs
- The impact of a national food issue on New Zealand families.
- How food related issues affect individual and their families.
- The use of health promotional materials.

Course Overview

Term 1

Unit 1 - Investigate a nutritional issue affecting the well-being of New Zealand society

Term 2

Unit 2 - Implement an action plan to address a nutritional issue affecting the well-being of New Zealand society

Term 3

Unit 3 - Investigate the influence of multinational food corporations on eating patterns in New Zealand

Term 4

Unit 4 - Analyse the influences of food advertising on well-being

Learning Areas:

[Technology](#)

Assessment Information

Course offers 3 internal Achievement Standards and 1 external Achievement Standard. Assessments requires Report writing and is essay based.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits

Assessment	Level	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91466 v2 Home Economics 3.1 - Investigate a nutritional issue affecting the well-being of New Zealand society Services Industries: 5 Social & Community Services: 5	3	I	5	Y	5r *	
A.S. 91467 v2 Home Economics 3.2 - Implement an action plan to address a nutritional issue affecting the well-being of New Zealand society Services Industries: 5 Social & Community Services: 5	3	I	5	Y	*	
A.S. 91469 v2 Home Economics 3.4 - Investigate the influence of multinational food corporations on eating patterns in New Zealand Primary Industries: 5 Services Industries: 5 Social & Community Services: 5	3	I	5	Y	5r *	
A.S. 91471 v2 Home Economics 3.6 - Analyse the influences of food advertising on well-being Services Industries: 4 Social & Community Services: 4	3	E	4	Y	4w *	
Total Credits			19	19	14	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: **19**

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 19 credits.

Externally Assessed Credits: 4 credits.

Internally Assessed Credits: 15 credits.