



Rolleston College

Horoeka Haemata

Senior Learning 1
2020

Senior Learning 1 2020

All Learners will be working towards completing their NCEA Level 1 qualification. To do this they must choose 2 Connected topics from Connected A [1 for Semester 1 and 1 for Semester 2] and two from Connected B [1 for Semester 1 and 1 for Semester 2]. A total of 4 for the year.

A course in English, Science and Mathematics and Statistics is compulsory at Level 1.

All learners must also choose 4 subjects from two of the Selected columns (A, B, C or D)

- 1.) Two subjects from Semester 1 from a column and 2 subjects from Semester 2 from the same column.
- 2.) Two subjects from Semester 1 from a **different** column and two subjects from Semester 2 from the same column.

For each they should put their preferred choice as *number 1* and their second choice as *number 2*.

An example:

A learner may choose *Make the Web* as their first choice in Selected A for Semester 1 and *Materials Technology* as their back up.

They may then choose *Body as a machine* as a first choice in Semester 2 and *Building Construction* as a second option.

A total of 4 from Selected A.

They then repeat this process for a second column B, C or D

Be aware that some courses are intended to be full year options. These include Te Reo, French, Japanese, Chinese, Spanish, Let's Make Art 1, Photo Design.

Please note that international language courses and Te Reo are intended as full year courses with the option of opting out after the first semester.

Learners should ensure that their course selection covers 5 of the following 8 Learning Areas, [English, Science, Mathematics and Statistics, Social Science, Performing and Visual Arts, Languages, Physical Education and Health, Technology].

Learning

As we move into our Senior years at Rolleston College it is important that we continue to provide relevant learning contexts that provide authentic learning experiences that develop our learners abilities to make connections between and beyond learning areas.

The continuation of context based learning experiences will enable us to meet NZQA assessment criteria within meaningful learning contexts.

Instructions

1. Please read through all of the course descriptors in this booklet and discuss at home.
2. On the course selection sheets map your choices out. You will need to select options from the two Connected lines and two choices in the same column of the Selected columns A, B, C OR D. eg *Your selected options for example come from group B (Adventure Media 1st and Spanish 2nd and D (Let's Make Art 1st & Automotive 2nd) which means we place your Connected classes in group A and C.*
3. Once you have completed this course mapping sheet you will need to discuss your choices with your Ako Learning Coach.
4. The final selection process will be completed online-more detail will follow to make those selections.
5. All course selection must completed by **September 26**

Checklist

- Have you carefully read through this booklet?
- Have you discussed your preferred choices with your family and your Ako Coach?
- Have you completed the course selection sheet at the back of this booklet?
- Have you covered 5 Learning Areas?
- Have you completed selections for the two Connected lines and the two Selected lines?
- Have you completed your preferred choices with your Ako Coach by **September 26?**

NCEA Requirements

1. The link below provides detailed information on the NCEA qualification.

<https://www.nzqa.govt.nz/ncea/understanding-ncea/how-ncea-works/>

2. To gain NCEA Level 1 a learner must gain 80 credits from Level 1 or above from the approved list of Achievement/ Unit Standards.
3. These Standards are divided into domains and can be assessed via internal or external assessment processes.
4. To gain the Level 1 qualification a learner must have 80 credits of which at least 10 must be classified as Literacy credits and 10 as Numeracy credits.
5. A learner can be assessed as having Not Achieved at a particular standard which means they receive no credits or as having achieved that standard at Achieved level or Merit level or Excellence level.
6. A learner can gain an endorsed certificate at Excellence or Merit level by gaining a minimum of 50 credits at that achievement level or above during a single school year.

Course costs

Some courses will have additional course and stationary costs these costs are voluntary but we would appreciate the payment of these course costs so we can provide the best educational opportunities possible.

Externally Assessed Standards

1. Learners will be able to sit external standards as needed and as appropriate. This process will be discussed with learners during the year.
2. Courses will have the option of offering external assessment opportunities primarily aimed at learners who are candidates for subject endorsement at Merit or Excellence level.
3. We will be providing guidance and advice for learners who are interested in entering external standards to ensure the appropriateness of these standards.
4. Any learners entered into external standards that are assessed through an exam will have opportunity to practice exam technique prior to the final exam.

Important Notes

1. Learners enrolled in a course will complete a number of standards from the list provided in the description of that course. It is not envisaged that a learner will necessarily complete every standard listed in the description. Appropriate standards will be completed by learners depending on their learning needs.
2. A Selected course will only run if there is sufficient interest from learners to justify our staffing of it.
3. The majority of a learners' assessment opportunities will come from their Connected and Selected courses. There will be a range of assessment opportunities offered through the Ako programme and these will cover Level 1 literacy requirements.
4. **Courses Overview:** The overview for the year for each Semester is provided. This is followed by a description of each Course in detail so you and your child can make informed choices.
5. **Course selection will be done online**-there is a separate A4 page to help planning-please complete after discussing at home by **26th September**.

Senior 1:1	A	B	C	D
<p>Connected Natural Narratives OR Global Voices</p> <p>Connected Patterns of Life 1 OR Overreaction</p>	<p>French in the World Japanese in the World Chinese in the World Fabric Graffiti T Make the Web Materials Technology No I in Team</p>	<p>Adventure Media DVC-Product Design Healthy Communities Leave only Footprints Lights Camera Action Music Fusion Spanish in the World</p>	<p>Food Product Development Maori Law & Order No I in Team Photo Design</p>	<p>Automotive Catering Apprentice Let's Make Art Pursue your Own Path Let's Talk Business</p>
Senior 1:2	A	B	C	D
<p>Connected Conspiracy OR Freedom Fighters</p> <p>Connected Patterns of Life 2 OR Mechatronics</p>	<p>Problems Surround Us Body as Machine Building Construction Fabric-Mod Squad French in the World Japanese In the World Chinese in the World</p>	<p>DVC-Spatial Design Landscape Gardener Kitchen Science Rhapsody Spanish In The World Sports Analytics</p>	<p>Body as Machine #Digital Design # Lit Maori Language Mahi Toi Photo Design</p>	<p>Catering Apprentice #Code it Let's Make Art Let's Make Money Mechanical Engineering Perform</p>

Connected Semester 1:1

Natural Narratives

Learning Areas

English
Science

Course Description

Learners will have the opportunity to explore how culture and science collide through narratives such as myths and legends. Learners will use these experiences to create their own narratives.

Learning Capabilities/ Critical Skills

- Literacy
- Communication
- Curiosity and Imagination

Assessment

Learners will have the opportunity to enter external standards in this course based on need and relevance.

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
SCIENCE	AS90954	Demonstrate understanding of the effects of astronomical cycles on planet earth.	4	Int Lit
ENGLISH	AS90052 AS90857 AS90053	Produce creative writing OR Construct and deliver an oral text OR Produce formal writing	3	Int Lit

Course Cost Field trips

Global Voices

Learning Areas

English
Social Science

Course Description

Learners will explore a range of inequality issues, perspectives, values and decision making at a local, regional and global scale. We know that when youth are given the chance to participate in global solutions, their potential to make a difference is limitless. We will explore global patterns, the factors and/or processes that cause or contribute to the pattern, and the significance for people.

Learning Capabilities/ Critical Skills

- Analyse and Assess Information
- Curiosity and Problem Solving
- Collaboration Across Networks
- Creativity
- Communication

Assessment

Learners will have the opportunity to enter external standards in this course based on need and relevance.

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
ENGLISH	AS90855 AS90856	Create a visual text OR Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence	3	Int Lit
GEOGRAPHY	AS91013	Describe aspects of a geographic topic at a global scale	3	Int Lit
GEOGRAPHY	AS91011	Conduct geographic research, with direction	4	Int Lit Num

Course Cost \$10

Patterns of Life I

Learning Areas

Maths
Science [Biology]

Course Description

Learners will explore the patterns of life in a local ecosystem. They will learn about the life processes, adaptations and environments of living things. Learners will analyse data to determine the impact of humans on a local ecosystem.

Learning Capabilities/ Critical Skills

- Numeracy
- Assessing and Analysing Information
- Critical Thinking and Problem Solving
- Curiosity and Imagination

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
SCIENCE	AS90951	Investigate the biological impact of an event on a New Zealand ecosystem	4	Int
MATHEMATICS	AS91036	Investigate bivariate numerical data using the statistical enquiry cycle	3	Int Lit Num

Course Cost \$40

Overreaction

Learning Areas

Science (Chemistry)
Mathematics (Number and Algebra, Statistics)

Course Description

Learners will explore chemical reactions in a variety of contexts They will analyse how and why chemicals react the way they do. Chemical reactions will provide a context for developing learners' algebra and data interpretation skills.

Learning Capabilities/ Critical Skills

- Assessing and Analysing Information
- Critical Thinking and Problem Solving
- Numeracy
- Curiosity and Imagination

Assessment

Learners will have the opportunity to enter external standards in this course based on need and relevance

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
SCIENCE	AS90930	Carry out a practical chemistry investigation with direction	4	Int Num
MATHEMATICS	AS91036	Investigate bivariate numerical data using the statistical enquiry cycle	3	Int Lit Num

Course Cost \$20

Semester 2:

Conspiracy

Learning Areas

English
Science (Biology)

Course Description

Learners will explore conspiracy theories, fake news and popular “science” through research processes and scientific methods. Where does the truth really lie? How do we know truth from misinformation?

Learning Capabilities/ Critical Skills

- Assessing and Analysing Information
- Curiosity and Imagination
- Literacy
- Critical Thinking and Problem Solving
- Communication

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
SCIENCE (Biology)	AS90926	Report on a biological issue	3	Int Lit
ENGLISH	AS90853 AS90856	Use information literacy skills to form conclusion(s) OR Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence	4	Int Lit
ENGLISH	AS90855	Create a visual text	3	Int Lit

Course Cost Field trips

Freedom Fighters

Learning Areas

English
Social Science

Course Description

Learners will investigate heroes throughout historical events who have strived to make a difference for people through protest, social justice and human rights actions. By drawing connections to real world issues learners will recognise their power to challenge injustice and become active global citizens.

Learning Capabilities/ Critical Skills

- Assessing and Analysing Information
- Curiosity and Problem Solving
- Investigative Skills

Assessment

Learners will have the opportunity to enter external standards in this course based on need and relevance

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
ENGLISH	AS90053 AS90052 AS90857	Produce formal writing OR Create and deliver an oral text	3	Int Lit
HISTORY	AS91001	Carry out an Investigation of an historical event or place of significance to New Zealanders	4	Int Lit
HISTORY	AS91002	Demonstrate understanding of an historical event or place of significance to New Zealanders	4	Int Lit

Course Cost \$15

Patterns of Life #2

Learning Areas

Science (Biology)
Mathematics (Statistics)

Course Description

Learners will explore patterns in the life processes, and genetic variation of organisms. Learners will explore the role of chance in life, adaptation and evolution.

Learning Capabilities/ Critical Skills

- Numeracy
- Assessing and Analysing Information
- Critical Thinking and Problem Solving
- Curiosity and Imagination

Assessment

Learners will have the opportunity to enter external standards in this course based on need and relevance.

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
MATHEMATICS	AS91038	Investigate a situation involving elements of chance	3	Int Lit Num
SCIENCE	AS90925	Carry out a practical investigation in a biological context, with direction	4	Int Num

Course Cost \$20

Mechatronics

Learning Areas

Science (Physics)
Mathematics (Number/Algebra)

Course Description

Learners will explore forces, motion and energy through the medium of machines. How do we use machines to solve problems? Principles of algebra and physics will be used to model the role of machines in our lives.

Learning Capabilities/ Critical Skills

- Agility and Adaptability
- Literacy
- Assessing and Analysing Information
- Critical Thinking and Problem Solving
- Communication
- Numeracy
- Curiosity and Imagination

Assessment

Learners will have the opportunity to enter external standards in this course based on need and relevance.

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
MATHEMATICS	AS91029	Apply linear algebra in solving problems	3	Int Num
SCIENCE	AS90935	Carry out a practical physics investigation that leads to a linear mathematical relationship with direction.	4	Int Num

Course Cost \$40

Semester One Selected 'A' Choices

French in the World				
Learning Areas	Languages			
Course Description				
Learners will develop a deeper understanding of French language and culture, in order to be able to communicate in everyday situations. Learning is enhanced by regular communication with friends in France.				
Learning Capabilities/ Critical Skills				
<ul style="list-style-type: none"> - Curiosity and Imagination - Communication - Literacy - Critical Thinking and Problem Solving. 				
Assessment				
Learners will have the opportunity to enter external standards in this course based on need and relevance.				
Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
LANGUAGES	AS90879	Give a spoken presentation in French that communicates a personal response	4	Int
LANGUAGES	AS90882	Write a variety of texts in French on areas of most immediate relevance	5	Int
Course Cost \$				

Japanese in the World

Learning Areas

Languages

Course Description

Learners will develop a deeper understanding of Japanese language and culture, in order to be able to communicate in everyday situations.

Learning Capabilities/ Critical Skills

- Curiosity and Imagination
- Communication
- Literacy
- Critical Thinking and Problem Solving

Assessment

Learners will have the opportunity to enter external standards in this course based on need and relevance.

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
LANGUAGES	AS90894	Give a spoken presentation in Japanese that communicates a personal response	4	Int
LANGUAGES	AS90897	Write a variety of text types in Japanese on areas of most immediate relevance	5	Int

Course Cost \$

Chinese in the World

Learning Areas

Languages

Course Description

Learners will develop a deeper understanding of Chinese language and culture, in order to be able to communicate in everyday situations. Learners have the opportunity to participate in Chinese cultural camp.

Learning Capabilities/ Critical Skills

- Curiosity and Imagination
- Communication
- Literacy
- Critical thinking and Problem Solving

Assessment

Learners will have the opportunity to enter external standards in this course based on need and relevance.

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
LANGUAGES	AS90869	Give a spoken presentation in Chinese that communicates a personal response	4	Int
LANGUAGES	AS90872	Write a variety of texts in Chinese on areas of most immediate relevance	5	Int

Course Cost \$

Fabric - Graffiti - Tee

Learning Areas

Technology

Course Description

Learners will explore fabric manipulation techniques and draw on the inspiration of a design era to embellish a T shirt for use in a specified context.

Learning Capabilities/ Critical Skills

- Creativity
- Agility and Adaptability
- Problem Solving

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
TECHNOLOGY	AS91045	Use planning tools to guide the technological development of an outcome to address a brief	4	Int
TECHNOLOGY	AS91046	Use design ideas to produce a conceptual design for an outcome to address a brief	6	Int

Course Cost \$30 plus fabric

Make the Web

Learning Areas

Digital Technologies

Course Description

Learn how to create things! This course is an opportunity for you to become a creator of digital technologies. You will learn how to build websites and powerful databases. Don't just be a bystander. Get the skills to make the things that you care about happen.

Learning Capabilities/ Critical Skills

- Use HTML and CSS to build webpages.
- Create a database and understand the responsibilities that come with managing data.

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
DIGITECH	AS91878	Develop a design for a digital outcome.	3	Int
DIGITECH	AS91879	Develop a digital outcome to manage data	4	Int

Course Cost \$

Materials Technology

Learning Areas

Technology

Course Description

Learners will design and build a prototype using technical and construction technologies in the hard materials production area.

Learning Capabilities/ Critical Skills

- Curiosity and Problem Solving
- Investigative skills

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
TECHNOLOGY	AS91057	Implement basic procedures using resistant materials to make a specified product	6	Int
TECHNOLOGY	AS91062	Demonstrate understanding of basic concepts related to machines	3	Int Lit

Course Cost \$50

No "I" in Team

Learning Areas

Physical Education

Course Description

Learners will play games and create tournament experiences for others. Focus will be on coaching, facilitating and reflecting on movement contexts as well as officiating and tournament organisation whilst investigating how effective interpersonal skills are crucial to a successful team.

Learning Capabilities/ Critical Skills

- Creativity
- Agility and Adaptability
- Problem Solving
- Communication
- Collaboration

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
PHYSICAL EDUCATION	AS90966	Demonstrate interpersonal skills in a group and explain how these skills impact on others	4	Int Lit
PHYSICAL EDUCATION	AS90962	Participate actively in a variety of physical activities and explain factors that influence own participation	5	Int Lit
PHYSICAL EDUCATION	AS90964	Demonstrate quality movement in the performance of a physical activity	3	Int Lit

Course Cost N/A

Semester One Selected 'B' Choices

Adventure Media				
Learning Areas	Outdoor Education Media Studies			
Course Description				
Learners will have the opportunity to develop an understanding of the impact of physical activity on mental well being. They will use Photography and design to create a media product that promotes Outdoor Education activities for youth development at Rolleston College.				
Learning Capabilities/ Critical Skills				
<ul style="list-style-type: none"> - Creativity - Curiosity and Imagination - Agility & Adaptability 				
Assessment				
Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
Physical Education	AS90968	Demonstrate and show understanding of responsible behaviour for safety during outdoor education activities.	3	Int
Media Studies	AS90994	Complete a media product from a design and plan using a specific range of conventions.	6	Int
Course Cost Field trips				

Design & Visual Communication (DVC) : Product Design

Learning Areas	Technology / DVC			
Course Description				
Learners will develop a design brief, they will investigate and refine existing ideas and develop concepts for a new product and/or spatial design project. They will complete instrument working drawings by hand and on CAD computer packages and present work to an audience.				
Learning Capabilities/ Critical Skills				
<ul style="list-style-type: none"> - Numeracy - Curiosity - Problem Solving - Analysing and Assessing Information - Creativity and Imagination 				
Assessment - Learners will have the opportunity to enter external standards in this course based on need and relevance.				
Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
TECHNOLOGY	AS91066	Use rendering techniques to communicate the form of design ideas	3	Int Num
TECHNOLOGY	AS91067	Use the work of an influential designer to inform design ideas	3	Int
TECHNOLOGY	AS91068	Undertake development of design ideas through graphics practice	6	Int
TECHNOLOGY	AS91069	Promote an organised body of design work to an audience using visual communication techniques	4	Int
COURSE COST \$25				

Healthy Communities

Learning Areas

Health
Physical Education
Social Studies

Course Description

Learners will explore strategies and activities to enhance wellbeing in self and others. Using the Te Whare Tapu Whā model you will continue to develop and apply your understanding by taking action to plan a community event that will make an impact on wellbeing.

Learning Capabilities/ Critical Skills

- Literacy
- Analyse and Assess Information
- Communication

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
PHYSICAL EDUCATION	AS90965	Demonstrate understanding of societal influences on physical activity and the implications for self and others.	4	Int Lit
PHYSICAL EDUCATION	AS90969	Take purposeful action to assist others to participate in physical activity	2	Int
SOCIAL STUDIES	AS91040	Conduct a social inquiry	4	Int Lit

Course Cost \$

Leave Only Footprints

Learning Areas

Science
Geography

Course Description

Learners will explore the state of the planet from local, national and global perspectives. Learners will investigate the sustainable use of an environment and how an industry such as Tourism can look to 'leave only footprints'.

Learning Capabilities/ Critical Skills

- Collaboration Across Networks
- Literacy
- Assessing and Analysing Information
- Initiative and Enterprise
- Critical Thinking and Problem Solving
- Communication

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
SCIENCE	AS90953	Demonstrate understanding of the carbon cycle.	4	Int
GEOGRAPHY	AS91009	Demonstrate geographic understanding of the sustainable use of an environment.	3	Int Lit

Course Cost Field trips

Lights, Camera, Action

Learning Areas

English
Media Studies

Course Description

Learners will study the elements of a media product. They will then be able to use their knowledge to plan and create a media product. A media product could be a video, radio broadcast, advertisement etc.

Learning Capabilities/ Critical Skills

- Literacy
- Communication
- Creativity

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
MEDIA STUDIES	AS90992	Demonstrate understanding of the characteristics of a media genre	4	Ext Lit (Optional)
MEDIA STUDIES	AS90994	Complete a media product from a design and plan using a specified range of conventions	6	Int
MEDIA STUDIES	AS90989	Demonstrate understanding of how individuals interact with the media	3	Int Num
MEDIA STUDIES	AS90990	Demonstrate understanding of selected elements of media text(s)	3	Int

Course Cost \$

Music Fusion

Learning Areas

Music
Music Technology

Course Description

Learners will collaborate in composing music with the goal of performing either to a small audience or possibly even taking it to the big stage at next years Smokefree Rock Quest. They will also have the opportunity to focus on the more technological side of music with the added option of a Music Technology standard.

Learning Capabilities/ Critical Skills

- Collaboration Across Networks
- Communication
- Assessing and Analysing Information
- Curiosity and Imagination
- Critical Thinking and Problem Solving

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
MUSIC	AS91092	Compose two original pieces of music	6	Int
	AS91091	Demonstrate ensemble skills through performing a piece of music as a member of a group	4	
MUSIC TECHNOLOGY	US27656	Demonstrate and apply introductory knowledge of music technology equipment and techniques	4	

Course Cost Field trips

Spanish in the World

Learning Areas

Languages

Course Description

Learners will develop a deeper understanding of hispanic language and culture, in order to be able to communicate in everyday situations. Learning is enhanced by regular communication with friends in Spain and learners will have the opportunity to participate in the Spanish exchange.

Learning Capabilities/ Critical Skills

- Curiosity and Imagination
- Literacy
- Communication
- Critical Thinking
- Problem Solving

Assessment

Learners will have the opportunity to enter external standards in this course based on need and relevance.

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
LANGUAGES	AS90909	Give a spoken presentation in Spanish that communicates a personal response	4	Int
LANGUAGES	AS90912	Write a variety of text types in Spanish on areas of most immediate relevance	5	Int

Course Cost \$

Semester One Selected 'C' Choices

Food Production Development				
Learning Areas	Food Technology			
Course Description				
Learners who undertake this course will engage with stakeholders to develop a brief. They will then develop a product. This process will involve running taste testings, surveys, food production and evaluations before presenting an end product to the stakeholder.				
Learning Capabilities/ Critical Skills				
<ul style="list-style-type: none"> - Curiosity and Imagination - Problem Solving and Critical Thinking - Assessing and Analysing Information - Innovation and Enterprise - Collaboration Across networks - Communication 				
Assessment				
Learners will have the opportunity to enter external standards in this course based on need and relevance				
Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
TECHNOLOGY	AS91046	Use design ideas to produce a conceptual design for an outcome to address a brief	6	Int
TECHNOLOGY	AS91047	Undertake a development to make a prototype to address a brief	6	Int
Course Cost \$80				

Maori Language

Learning Areas

Languages

Course Description

Learners will develop a deeper understanding of the basic language and culture of Maori to be able to communicate in everyday matters that would enable learners to understand the value of Maori in today's world.

Learning Capabilities/ Critical Skills

- Curiosity and Imagination
- Communication
- Literacy
- Critical Thinking and Problem Solving

Assessment

Learners will have the opportunity to enter external standards in this course based on need and relevance.

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
TE REO MAORI	AS91085	Whakarongo kia mohio ki reo o tona ao (listening)	6	Int Lit
TE REO MAORI	AS91086	Korero kia whakamahi te reo o tona ao (speaking)	6	Int Lit
TE REO MAORI	AS91089	Waihanga tuhinga i te reo o tona ao (writing)	6	Int Lit

Course Cost \$10 plus field trips

Photo Design 1 - Full Year

Learning Areas

Visual Arts

Course Description

Learners will explore the world of Photo Design through drawing with mixed media, the computer and photography to produce a body of design artworks presented as a portfolio of working drawings and finished artworks plus an end of year art design exhibition. Learners will find out more about photo design art, what it is, what it can be and how to get it out to the world.

Learners **CANNOT** take Photo Design AND Let's Make Art 1 together.

Learning Capabilities/ Critical Skills

- Agility & Adaptability
- Resilience
- Innovation & Enterprise

Assessment

Learners will have the opportunity to enter external standards in this course based on need and relevance

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
VISUAL ARTS	AS90913	Demonstrate understanding of art works from a Maori and another culture context using art terminology	4	Int Lit
VISUAL ARTS	AS90914	Use drawing methods and skills for recording information using wet and dry media.	4	Int
VISUAL ARTS	AS90915	Use drawing conventions to develop work in more than one field of practice	6	Int
VISUAL ARTS	AS90917	Produce a finished work that demonstrates skills appropriate to cultural conventions.	4	Int

Course Cost \$40 plus field trips

Law and Order

Learning Areas

History
Legal Studies

Course Description

Learners will explore and learn the foundations of justice concepts, principles, and processes such as coercive power, balancing competing claims, impartiality, equity which are the foundation of our legal system. They will investigate and compare historical legal events that have a justice focus from New Zealand or overseas.

Learning Capabilities/ Critical Skills

- Communication Skills
- Curiosity and Imagination
- Problem Solving

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
SOCIAL SCIENCE	US27838	Demonstrate understanding of foundational concepts of justice	4	Int
HISTORY	AS91001	Investigation into an historical event or place of significance to New Zealanders	4	Int Lit

Course Cost \$10

No "I" in Team

Learning Areas

Physical Education

Course Description

Learners will play games and create tournament experiences for others. Focus will be on coaching, facilitating and reflecting on movement contexts as well as officiating and tournament organisation whilst investigating how effective interpersonal skills are crucial to a successful team.

Learning Capabilities/ Critical Skills

- Creativity
- Agility and Adaptability
- Problem Solving
- Communication
- Collaboration

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
PHYSICAL EDUCATION	AS90966	Demonstrate interpersonal skills in a group and explain how these skills impact on others	4	Int Lit
PHYSICAL EDUCATION	AS90962	Participate actively in a variety of physical activities and explain factors that influence own participation	5	Int Lit
PHYSICAL EDUCATION	AS90964	Demonstrate quality movement in the performance of a physical activity	3	Int Lit

Course Cost N/A

Semester One Selected 'D' Choices

Automotive Engineering				
Learning Areas	Motor Industry			
Course Description				
Learners will identify the employment opportunities and occupational areas and structure of the New Zealand Motor Industry. Safe motoring requirements and general location and name of components and systems, safe working habits and work practice in an automotive workshop. Cleaning of parts, maintenance and general automotive engineering tasks.				
Learning Capabilities/ Critical Skills				
<ul style="list-style-type: none"> - Curiosity - Problem Solving - Analyse and Assessing Information 				
Assessment				
Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
MOTOR INDUSTRY	US21869	Remove and replace road wheels	1	Int
MOTOR INDUSTRY	US15408	Describe motor vehicle safe motoring requirements and general locations of systems and components	4	Int
MOTOR INDUSTRY	US21857	Identify the occupational areas and structure of the New Zealand motor industry	2	Int
MOTOR INDUSTRY	US29579	Demonstrate knowledge of good working habits and safe work practices in the automotive industry	4	Int
Course Cost \$30				

Catering Apprentice

Learning Areas

Technology
(Hospitality Trade Industry Standards)

Course Description

Learners will create a range of dishes suitable for catering purposes. Every successful restaurant, cafe or burger joint, exists because of the skilled and talented team in the kitchen. This course uses the service IQ Cookery and management programs to engage students in a culinary skills programme where they will gain the knowledge they need to impress using delicious flavours and great looking presentation to keep customers coming back. This is a one semester course that is offered in Semester 1 and Semester 2.

Learning Capabilities/ Critical Skills

- Curiosity and Problem Solving
- Critical Thinking
- Innovation
- Communication

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
TECHNOLOGY	US21057	Prepare, construct and garnish a mocktail for the hospitality industry	2	Int
TECHNOLOGY	US19770	Prepare and present egg and cheese dishes in the hospitality industry	3	Int
TECHNOLOGY	US21059	Demonstrate knowledge of knife care, use, storage, and carrying for the hospitality industry	2	Int
TECHNOLOGY	US15919	Prepare and present hot finger food in the Hospitality Industry	2	Int

Course Cost \$80

Let's Make Art 1 - Full Year

Learning Areas Visual Arts

Course Description

Learners will explore drawing, painting and sculpture through the production of a body of artworks presented in a portfolio artworks presented as a portfolio of working drawings and finished artworks plus an end of year art exhibition.. Learners will find out more about fine art, what it is, what it can be and how to get it out to the world.

Learners **CANNOT** take Let's Make Art AND Photo Design 1 together.

Learning Capabilities/ Critical Skills

- Curiosity and Imagination
- Resilience
- Creativity

Assessment - Learners will have the opportunity to enter external standards in this course based on need and relevance.

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
VISUAL ARTS	AS90913	Demonstrate understanding of art works from a Maori and another culture context using art terminology	4	Int Lit
VISUAL ARTS	AS90914	Use drawing methods and skills for recording information using wet and dry media.	4	Int
VISUAL ARTS	AS90915	Use drawing conventions to develop work in more than one field of practice	6	Int
VISUAL ARTS	AS90917	Produce a finished work that demonstrates skills appropriate to cultural conventions.	4	Int
VISUAL ARTS	AS90916	Produce a body of work informed by established practice, which develops ideas, using a range of media	12	Ext [optional]

Course Cost \$40 plus field trips

Pursue your Own Path

Learning Areas

Dance, Drama
Health

Course Description

A Dance and Drama course where learners will explore the health concepts of relationships and sexuality. Learners will use the skills and knowledge they gain of these health concepts and dance/drama elements to devise/choreograph dance and/or drama pieces. Leading on from “Dance Your Way Out of Trouble” and “All the World is a Stage” (not a prerequisite).

Learning Capabilities/ Critical Skills

- Creativity
- Communication Skills
- Curiosity and Imagination

Assessment

Learners will have the opportunity to enter external standards in this course based on need and relevance. Learners will negotiate the standards below based on the pathway they choose.

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
DANCE	AS90858	Compose dance sequences for given brief	6	Int
DANCE	AS90860	Demonstrate understanding of the elements of dance	4	Int Lit
DRAMA	AS90006	Apply drama techniques in a dramatic context	4	Int Lit
DRAMA	AS90997	Devise and perform drama to realise an intention	5	Int
HEALTH	AS90974	Demonstrate understanding of promoting positive sexuality	4	Int Lit

Course Cost Field trips

Let's talk Business - Semester 1

Learning Areas

Business Studies, Accounting, Economics

Course Description

Learners will begin by exploring financial decision making and the factors that affect consumers decisions. They will also explore how the different sectors of business work together to make our economy work. Learners will investigate local and national businesses as well as make personal contact with a business of their choice to investigate in depth how they recruit new employees.

Learning Capabilities/ Critical Skills

- Creativity
- Entrepreneurship
- Communication

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
ACCOUNTING	AS90981	Make a financial decision for an individual or group.	3	Int Lit
ECONOMICS	AS90	Demonstrate understanding of the interdependence of sectors of the New Zealand economy	3	Int Lit
BUSINESS STUDIES	AS90841	Investigate areas of human resources process in a business	3	Int Lit

Course Cost \$

Semester Two Selected 'A' Choices

Problems Surround Us

Learning Areas

Mathematics

Course Description

This is a mathematics rich course where learners will be able to delve deeper into areas that interest them and use different techniques to find solutions to the problems around them. Whether they focus on financial, spatial, algebraic or geometric reasoning techniques.

Learning Capabilities/ Critical Skills

- Curiosity and Imagination
- Collaboration across Networks
- Communication
- Numeracy
- Critical Thinking and Problem Solving

Assessment

Learners will have the opportunity to enter external standards in this course based on need and relevance

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
MATHEMATICS	91029	Applications of Linear Algebra	3	Int Num
MATHEMATICS	91033	Geometric Representation	3	Int Num
MATHEMATICS	91034	Transformation Geometry	2	Int Num
MATHEMATICS	91032	Right Angle Triangles	3	Int Num

Course Cost: Field Trips

Body as a Machine

Learning Areas

Physical Education

Course Description

Learners will understand the way the human body relates to improve sporting movement by applying anatomy, biomechanics, energy systems and methods/principles of training. They will then break down physical movements using their acquired Biophysical understanding and create strategies to improve.

Learning Capabilities/ Critical Skills

- Creativity
- Agility and Adaptability
- Problem Solving
- Assessing and Analysing Information

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
PHYSICAL EDUCATION	AS90970	Demonstrate self management strategies and describe the effects on participation in physical activity	3	Int
PHYSICAL EDUCATION	AS90963	Demonstrate understanding of the function of the body as it relates to the performance of physical activity	5	Int Lit
PHYSICAL EDUCATION	AS90964	Demonstrate quality movement in the performance of physical activity	3	Int

Course Cost N/A

Building and Construction

Learning Areas BCITO B-Constructive

Course Description

Learning to work safely in a construction environment. Marking and cutting using hand tools and machinery, joints and jointing to assemble projects and finishing techniques on a range of construction materials.

Learning Capabilities/ Critical Skills

- Numeric Reasoning and Measurements
- Curiosity
- Problem solving

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
B-CONSTRUCTIVE ITO	US24352	Demonstrate knowledge of and apply safe working practices in the construction of a BCATS project	2	Int
B-CONSTRUCTIVE ITO	US24356	Apply elementary workshop procedures and processes for a BCAT project	8	Int

Course Cost \$80

Fabric- Mod- Squad

Learning Areas

Technology-Fabric & Design
Visual Communication

Course Description

Learners will use a range of materials and processes to research and develop a product that is influenced by the 60's.

Learning Capabilities/ Critical Skills

- Creativity
- Agility and Adaptability
- Problem Solving

Assessment

Learners will have the opportunity to enter external standards in this course based on need and relevance

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
TECHNOLOGY	AS91058	Implement basic procedures using textile material to make a specified product	6	Int
TECHNOLOGY	AS91067	Use the work of an influential designer to inform your design	3	Int

Course Cost \$30 plus fabric

French in the World

Learning Areas

Languages

Course Description

Learners will develop a deeper understanding of French language and culture, in order to be able to communicate in everyday situations. Learning is enhanced by regular communication with friends in France.

Learning Capabilities/ Critical Skills

- Curiosity and Imagination
- Communication
- Literacy
- Critical Thinking and Problem Solving

Assessment

Learners will have the opportunity to enter external standards in this course based on need and relevance

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
LANGUAGES	AS90879	Give a spoken presentation in French that communicates a personal response	4	Int
LANGUAGES	AS90882	Write a variety of texts in French on areas of most immediate relevance	5	Int

Course Cost

Japanese in the World

Learning Areas

Learning Languages

Course Description

Learners will develop a deeper understanding of Japanese language and culture, in order to be able to communicate in everyday situations.

Learning Capabilities/ Critical Skills

- Curiosity and Imagination
- Communication
- Literacy
- Critical Thinking and Problem Solving

Assessment

Learners will have the opportunity to enter external standards in this course based on need and relevance.

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
LANGUAGES	AS90894	Give a spoken presentation in Japanese that communicates a personal response	4	Int
LANGUAGES	AS90897	Write a variety of text types in Japanese on areas of most immediate relevance	5	Int

Course Cost

Chinese in the World

Learning Areas

Languages

Course Description

Learners will develop a deeper understanding of Chinese language and culture, to be able to communicate in everyday situations. Learners have the opportunity to participate in Chinese cultural camp.

Learning Capabilities/ Critical Skills

- Curiosity and Imagination
- Communication
- Literacy
- Critical thinking and Problem Solving

Assessment

Learners will have the opportunity to enter external standards in this course based on need and relevance

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
LANGUAGES	AS90869	Give a spoken presentation in Chinese that communicates a personal response	4	Int
LANGUAGES	AS90872	Write a variety of texts in Chinese on areas of most immediate relevance	5	Int

Course Cost

Semester Two Semester 'B' Choices

Design and Visual Communication (DVC) Spatial Design Semester 2				
Learning Areas	Technology / DVC			
Course Description				
Learners will develop a design brief, they will investigate and refine existing ideas and develop concepts for a new product and/or spatial design project. Learners will complete instrument working drawings by hand and on CAD computer packages and present work to an audience.				
Learning Capabilities/ Critical Skills				
<ul style="list-style-type: none"> - Numeracy - Curiosity - Problem Solving - Analysing and Assessing Information - Creativity and Imagination 				
Assessment - Learners will have the opportunity to enter external standards in this course based on need and relevance				
Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
TECHNOLOGY	AS91066	Use rendering techniques to communicate the form of design ideas	3	Int
TECHNOLOGY	AS91067	Use the work of an influential designer to inform design ideas	3	Int
TECHNOLOGY	AS91068	Undertake development of design ideas through graphics practice	6	Int
TECHNOLOGY	AS91069	Promote an organised body of design work to an audience using visual communication techniques	4	Int Lit
Course Cost \$25				

Landscape Gardener

Learning Areas

Agriculture/Horticulture
Technology (Hard Materials)

Course Description

Learners will plan small-scale gardens or plots. These may be applied to the Rolleston College Sustainable Garden or for an authentic client in the community. This course will develop skills for being a successful backyard gardener or for the budding horticulturist.

- Plant Propagation
- Working with a client
- Landscape Design

Learning Capabilities/ Critical Skills

- Agility & Adaptability
- Collaboration Across Networks
- Assessing & Analysing Information
- Innovation & Enterprise
- Communication
- Numeracy

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
AGRICULTURE HORTICULTURE	AS90923	Demonstrate knowledge of basic plant propagation techniques	4	Int Lit
AGRICULTURE HORTICULTURE	AS90922	Design a landscape plan that reflects user requirements	3	Int

Course Cost \$40

Science in the Kitchen

Learning Areas

Technology (Food)
Science [Biology and Chemistry]

Course Description

Learners will use their understanding of microbes and/or chemical reactions to explore food technology. Traditional uses of science in food production will give way to adventurous culinary creations.

Learning Capabilities/ Critical Skills

- Initiative & Enterprise
- Literacy
- Assessing & Analysing Information
- Critical Thinking & Problem Solving
- Numeracy
- Curiosity & Imagination

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
SCIENCE	AS90950	Investigate biological ideas relating to interactions between humans and micro-organisms	4	Int
TECHNOLOGY	AS91082	Implement basic procedures to process a specified product	4	Int

Course Cost \$45

Rhapsody

Learning Areas

Music

Course Description

Learners will have the opportunity to learn and perform their favourite songs. Whether their strengths lie in reading or understanding music or understanding the context behind a song, this course will cater to all musical abilities and interests.

Learning Capabilities/ Critical Skills

- Collaboration Across Networks
- Communication
- Assessing and Analyzing Information
- Curiosity and Imagination
- Literacy

Assessment Learners will have the opportunity to enter external standards in this course based on need and relevance.

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
MUSIC	AS91095	Demonstrate knowledge of two music works from contrasting contexts	6	Int
MUSIC	AS91090	Perform two pieces of music as a featured soloist	6	Int
MUSIC Optional	AS91094	Demonstrate knowledge of conventions used in Music scores.	4	Ext Lit

Course Cost Field trips

Spanish in the World

Learning Areas

Languages

Course Description

Learners will develop a deeper understanding of hispanic language and culture, in order to be able to communicate in everyday situations. Learning is enhanced by regular communication with friends in Spain and learners have the opportunity to participate in the Spanish exchange.

Learning Capabilities/ Critical Skills

- Curiosity and Imagination
- Literacy
- Communication
- Critical Thinking
- Problem Solving

Assessment

Learners will have the opportunity to enter external standards in this course based on need and relevance

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
LANGUAGES	AS90909	Give a spoken presentation in Spanish that communicates a personal response.	4	Int
LANGUAGES	AS90912	Write a variety of text types in Spanish on areas of most immediate relevance	5	Int

Course Cost \$

Sports Analytics

Learning Areas

Physical Education
Mathematics

Course Description

Learners will develop understanding sporting performance and results through numbers. Being able to break down performances and look for statistics and data behind why your favourite team is playing well. Get involved in one of the fastest growing industries in the world.

Learning Capabilities/ Critical Skills

- Creativity
- Agility and Adaptability
- Problem Solving and Critical Thinking
- Communication
- Collaboration Across Networks

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
PHYSICAL EDUCATION	AS90967	Demonstrate strategies to improve the performance of a physical activity and describe the outcomes	3	Int Lit
MATHEMATICS	AS 91038	Investigating a situation that involves chance	3	Int
MATHEMATICS	AS91036	Investigate bivariate numerical data using the statistical enquiry cycle or	3	Int Lit Num
MATHEMATICS	AS91035	Investigate a given multivariate data set using the statistical enquiry cycle	4	Int Lit Num

Course Cost \$40

Semester One Selected 'C' Choices

Body as a Machine				
Learning Areas	Physical Education			
Course Description				
Learners will understand the way the human body relates to improve sporting movement by applying anatomy, biomechanics, energy systems and methods/principles of training. They will then break down physical movements using their acquired Biophysical understanding and create strategies to improve.				
Learning Capabilities/ Critical Skills				
<ul style="list-style-type: none"> - Creativity - Agility and Adaptability - Problem Solving - Assessing and Analysing Information 				
Assessment				
Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
PHYSICAL EDUCATION	AS90970	Demonstrate self management strategies and describe the effects on participation in physical activity	3	Int
PHYSICAL EDUCATION	AS90963	Demonstrate understanding of the function of the body as it relates to the performance of physical activity	5	Int Lit
PHYSICAL EDUCATION	AS90964	Demonstrate quality movement in the performance of physical activity	3	Int
Course Cost N/A				

#digital design

Learning Areas Digital Technology

Course Description

Learners will plan and design projects using a wide range of digital media and create printed media outcomes. This would be suitable for those wanting to design websites using HTML code and/or learners wanting to use Adobe software such as Photoshop and illustrator to design and manipulate images for print.

Learning Capabilities/ Critical Skills

- Curiosity and Problem Solving Skills
- Communication
- Creativity

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
DIGITECH	AS91878	Develop a design for a digital outcome	3	Int
DIGITECH	AS91880	Develop a digital media outcome	4	Int

Course Cost \$20

Photo Design 1 - Full Year

Learning Areas

Visual Arts

Course Description

Learners will explore the world of Photo Design through drawing with mixed media, the computer and photography to produce a body of design artworks presented as a portfolio of working drawings and finished artworks plus an end of year art design exhibition. Learners will find out more about photo design art, what it is, what it can be and how to get it out to the world.

Learners should **NOT** take Photo Design AND Let's Make Art 1 together.

Learning Capabilities/ Critical Skills

- Curiosity and Imagination
- Resilience
- Creativity

Assessment

Learners will have the opportunity to enter external standards in this course based on need and relevance

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
VISUAL ARTS	AS90913	Demonstrate understanding of art works from a Maori and another culture context using art terminology	4	Int Lit
VISUAL ARTS	AS90914	Use drawing methods and skills for recording information using wet and dry media.	4	Int
VISUAL ARTS	AS90915	Use drawing conventions to develop work in more than one field of practice	6	Int
VISUAL ARTS	AS90917	Produce a finished work that demonstrates skills appropriate to cultural conventions.	4	Int

Course Cost \$40 plus field trips

#Lit

Learning Areas

English

Course Description

Learners will investigate a genre. They will understand the conventions of a genre and how to use these conventions to create effects. They will be able to apply this understanding to specific texts both written and verbal. Learners will also be given the skills to show how their learning in an examination setting through essay writing.

Possible Genres: Gothic, Horror, War, Crime, Comedy, Satire, Coming of age etc.

Learning Capabilities/Critical Skills

- Literacy
- Communication

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
ENGLISH	AS90849	Show understanding of specified aspects of studied written text(s) using supporting evidence OR	4	Ext Lit
ENGLISH	AS90850	Show understanding of specified aspects of studied visual or oral text(s) using supporting evidence	4	Ext Lit
ENGLISH	AS90852	Explain significant connection(s) across texts, using supporting evidence	4	Int Lit

Course Costs \$

Maori Language

Learning Areas

Languages

Course Description

Learners will develop a deeper understanding of the basic language and culture of Maori to be able to communicate in everyday matters that would enable learners to understand the value of Maori in today's world.

Learning Capabilities/ Critical Skills

- Curiosity and Imagination
- Communication
- Literacy
- Critical Thinking and Problem Solving

Assessment

Learners will have the opportunity to enter external standards in this course based on need and relevance

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
TE REO MAORI	AS91085	Whakarongo kia mohio ki reo o tona ao (listening)	6	Int Lit
TE REO MAORI	AS91086	Korero kia whakamahi te reo o tona ao (speaking)	6	Int Lit
TE REO MAORI	AS91089	Waihanga tuhinga i te reo o tona ao (writing)	6	Int Lit

Course Cost \$10 plus field trips

Mahi Toi: Art and Maori Culture Collide

Learning Areas

Visual Arts
Te reo Maori/ Tikanga Māori

Course Description

Learners will explore Aotearoa's bicultural heritage and their own cultural identities through making art work. Traditional and modern art forms and styles from Māori culture and the Pacific will be explored. The intention is to learn about culture at the same time as making beautiful and meaningful art. Field trips to Marae, Art galleries and Museums will be part of the experience as well as workshops to teach skills and techniques. Learners will be able to explore a variety of art making options (weaving, carving, painting, sculpting, digital art etc.)

Learning Capabilities/ Critical Skills

- Curiosity and Imagination
- Resilience
- Creativity
- Biculturally aware
- Inclusive

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
VISUAL ARTS	AS90915	Use drawing conventions to develop work in more than one field of practice	6	Int
VISUAL ARTS	AS90917	Produce a finished work that demonstrates skills appropriate to cultural conventions.	4	Int
TE REO/ TIKANGA	US27105 AS91089	Ranginui and Papatuanuku Waihanga Tuhinga (writing) (learners could attempt one or both of these depending on language ability)	2 6	Int int

Course Cost \$40 plus field trips

Semester One Selected 'D' Choices

Catering Apprentice

Learning Areas	Technology (Hospitality Trade Industry Standards)
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Course Description

Learners will create a range of dishes suitable for catering purposes. Every successful restaurant, cafe or burger joint, exist because of the skilled and talented team in the kitchen. This course uses the service IQ Cookery and management programs to engage students in a culinary skills programme where they will gain the knowledge they need to impress using delicious flavours and great looking presentation to keep customers coming back. This is a one semester course that is offered in Semester 1 and Semester 2.

Learning Capabilities/ Critical Skills

- Curiosity and Problem Solving
- Critical Thinking
- Innovation
- Communication

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
TECHNOLOGY	US21057	Prepare, construct and garnish a mocktail for the hospitality industry	2	Int
TECHNOLOGY	US19770	Prepare and present egg and cheese dishes in the hospitality industry	3	Int
TECHNOLOGY	US21059	Demonstrate knowledge of knife care, use, storage, and carrying for the hospitality industry	2	Int
TECHNOLOGY	US15919	Prepare and present hot finger food in the Hospitality Industry	2	Int

Course Cost \$80

#codeit - Digital Technology

Learning Areas

Digital Technologies

Course Description

- Learners will use basic coding knowledge to construct a basic computer programme. This is suitable for beginner coders and also those with more advanced coding knowledge and will be focused around creating a new phone app or a basic multi-level computer game.

Learning Capabilities/ Critical Skills

- Creativity
- Critical thinking and Problem Solving
- Communication

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
DIGITECH	AS91884	Use basic iterative processes to develop a digital outcome	6	Int
DIGITECH	AS91883	Develop a computer programme	4	Int

Course Cost \$20

Let's Make Money

Learning Areas

Business Studies
Economics
Accounting

Course Description

Learners will apply business concepts to create a product to set up and run their own business. They will collaborate with others to apply marketing strategies and take their product to market.

Learning Capabilities/ Critical Skills

- Collaboration
- Entrepreneurship
- Communication

Assessment

Learners will have the opportunity to enter external standards in this course based on need and relevance

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
BUSINESS STUDIES	AS90842	Carry out and review a product-based business activity within a classroom context with direction	6	Int
BUSINESS STUDIES	AS 90840	Apply the marketing mix to a new or existing product	3	Int

Course Cost \$

Mechanical Engineering

Learning Areas

Mechanical Engineering Technology

Course Description

Learners will complete projects that develop engineering skills and design a prototype wind vane using a wide range of engineering materials and processes

Learning Capabilities/ Critical Skills

- Numeracy
- Critical Thinking
- Problem solving
- Curiosity and Imagination
- Initiative and Entrepreneurship

Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
COMPETENZ SCHOOLS	US22923	Demonstrate basic engineering skills under close supervision	12	Int
COMPETENZ SCHOOLS	US22924	Develop a simple product using engineering materials	10	Int
COMPETENZ SCHOOLS	US4433	Select, use, and care for simple measuring devices used in engineering	2	Int
COMPETENZ SCHOOLS	US 4435	Select, use, and care for engineering dimensional measuring equipment	3	Int

Course Cost \$50

Perform

Learning Areas

Dance, Drama
Health

Course Description

Learners will explore how to develop and use interpersonal skills to enhance relationships. They will apply these skills to work as an ensemble to create their own performance. Learners will choose to perform either a dance or drama piece.

Learning Capabilities/ Critical Skills

- Creativity
- Communication Skills
- Curiosity and Imagination

Assessment

Learners will have the opportunity to enter external standards in this course based on need and relevance. Learners will negotiate the standards below based on the pathway they choose. There is a possibility of Performing Arts Technology standards by negotiation.

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
DANCE	AS90002	Perform Dance Sequences	6	Int
DANCE	AS90859	Demonstrate Ensemble Skills in a Dance	4	Int
DRAMA	AS91000	Demonstrate Understanding of a Significant Play	4	Int Lit
DRAMA	AS90009	Perform an acting role in a scripted production	5	Int Lit
HEALTH	AS90973	Demonstrate understanding of interpersonal skills used to enhance relationships	5	Int Lit

Course Cost Field trips

Let's Make Art - Full Year

Learning Areas

Visual Arts

Course Description

Learners will explore drawing, painting and sculpture through the production of a body of work presented in a portfolio and end of year art exhibition. Learners will find out more about fine art, what it is, what it can be and how to get it out to the world.

Learners should **NOT** take *Let's Design* AND *Let's Make Art* together.

Learning Capabilities/ Critical Skills

- Curiosity and Imagination
- Resilience
- Creativity

Assessment

Learners will have the opportunity to enter external standards in this course based on need and relevance

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
VISUAL ARTS	AS90913	Demonstrate understanding of art works from a Maori and another culture context using art terminology	4	Int Lit
VISUAL ARTS	AS90914	Use drawing methods and skills for recording information using wet and dry media.	4	Int
VISUAL ARTS	AS90915	Use drawing conventions to develop work in more than one field of practice	6	Int

Course Cost \$40 plus field trips

Future PATHWAYS

The first year of senior learning should still be comparatively general in scope. Use the chart below to see what courses could be helpful for future vocations. Where relevant look for the courses that cover the learning areas listed below.

Career/Pathway	NCEA Level 1
<u>Apprenticeship</u> (including Building, Motor mechanic, Plumbing, Carpentry and Electrical)	Mathematics Science (Including some physics) English
<u>Architecture</u>	Mathematics Science English Art & DVC
<u>Army, Navy, Airforce</u> : Most trades required	Mathematics Science (Including some physics) English
<u>Arts degrees</u> : <u>Batchelors in</u> Communications Humanities Journalism Psychology <u>Batchelors in</u> Performing arts Creative Arts	Any of: Drama, English, Geography, History, Languages, Mathematics, Music, etc Any of: Art, Dance, Drama, English, Media, Music, etc
<u>Business/Commerce Degrees</u> Accounting and Economics can be started at university, however studies are easier if these subjects have been studied at school	English Mathematics Business Studies
<u>Business/Commerce Diplomas & Certificates</u> :	Mathematics 14cr L1

NZ Diploma in Business at MIT	English
<u>Computer Aided Design</u>	Mathematics English DVC
<u>Computing/Computer Science</u>	Mathematics Science (including some Physics) English Digital Technology
<u>Dentistry</u>	Mathematics Science English
<u>Engineering Degrees:</u> Civil Mechanical Electrical Software	Mathematics Science English
<u>Engineering Diplomas & Certificates</u>	Mathematics Science English
<u>Fine Arts & Design Degrees:</u> Fashion Product Graphic Communication Landscape Spatial Textile Visual Art/s	Mathematics English Art DVC
<u>Food Science & Culinary Arts Degrees:</u> Food Technology at Massey University (Albany) Culinary Arts	Mathematics English Food Technology Mathematics English Science Food Technology
<u>Food Service, Hospitality, Patisserie</u>	Mathematics

<u>Certificate and Diplomas</u>	English Food Technology
<u>Health Science and Medical degrees:</u> Health science first year Biomedical Science Pharmacy	Mathematics English Science
<u>Laboratory & Medical Science degrees</u> Laboratory Science Medical Science Nursing Occupational Therapy	Mathematics English Science Mathematics English Science Health & PE Mathematics English Science Health and PE
<u>Law Degrees:</u> High First Year Law performance leads to second year law selection	English Mathematics Science Drama History, Geography or Language rich
<u>Nannyng, Certificates & Diplomas</u>	English Mathematics Science Health and PE
<u>Performing arts Certificates, Diplomas and training</u>	Mathematics English Dance Drama Music
<u>Physical Education, Sports and Recreation degrees</u>	Mathematics Science

	English Health & PE
<u>Physiotherapy</u>	Mathematics Science English Health & PE
<u>Pilot</u> Bachelor of Aviation at Massey University	Mathematics Science English
<u>Police</u>	Mathematics Science English Health & PE
<u>Science degrees:</u>	Mathematics Science English
<u>Social work and Counselling degrees</u>	Mathematics Science English
<u>Teaching Degrees:</u> Early Childhood Primary Secondary	<p>Mathematics Science English Health & PE</p> <p>Mathematics Science English Art Music</p> <p>Mathematics Science English</p>

<u>Travel, Tourism and Hospitality Management degrees</u> Hospitality Management Travel, Tourism Management	Mathematics English Business Studies Mathematics English Business Studies
<u>Travel, Tourism and Hospitality Certificates and Diplomas</u>	Mathematics English Business Studies
<u>Veterinary Science degrees</u> High Pre-selection phase performance leads to second semester Professional-phase selection	Mathematics Science English
<u>Veterinary Science degree</u> High pre-selection phase performance leads to second semester Professional-phase selection	Mathematics Science English
<u>Veterinary Technology degree</u> High Pre-selection phase performance leads to second semester professional-phase selection	Mathematics Science English

