



# Rolleston College

*Horoeke Haemata*

Senior Learning 2  
2020

# Senior Learning 2 2020

All learners will be working toward completing their NCEA Level 2 qualification. To do this they must choose 5 topics for each semester. One of these topics must be from the literary rich category and at least one must be from the science rich or maths rich category (exemption from this must be applied for).

A course in literacy, science and/or mathematics and statistics is compulsory at Level 2 (unless exemption is applied for).

Learners should ensure that their course selection is appropriate for their desired pathway.

## Learning

As we move into our Senior years at Rolleston College it is important that we continue to provide relevant learning context 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 with in meaningful learning contexts.

## Instructions

1. Please read through all of the course descriptors in this booklet and complete the course selection sheet.
2. On the course selection sheet you will need to select options from the six lines
3. Once you have completed this course selection sheet you will need to discuss your choices with you Ako learning coach. The final selections will be done online. More instructions will follow.
4. All course mapping sheets must be handed into your Ako coach by **25 September 2019**

## Checklist

- Have you read through this booklet?
- Have you discussed your preferred choices with your family and Ako coach?
- Have you completed the course selection sheet at the back of this booklet?

- ❑ Have you selected 5 subjects including a literacy rich course
- ❑ Have you handed in your completed and signed sheet to your Ako coach by **25 September 2019**

## **NCEA Requirements**

1. The like below provides detailed information on NCEA qualifications.  
<https://www.nzqa.govt.nz/ncea/understanding-ncea/how-ncea-works/>
2. To gain NCEA Level 2 a learner must gain 60 credits from Level 2 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 University Entrance qualification a learner must have 60 credits of which at least 10 must be classified as Literacy credits. 5 Reading and 5 Writing. Courses marked with an asterix provide opportunities towards meeting this requirement.
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 or Excellence level.
6. A Learner can gain an endorsed certificate at Excellence or Merit by gaining a minimum of 50 credits at that achievement 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 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 course will only run if there is sufficient interest from learners to justify our staffing of it.
3. **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.
4. Course selection mapping sheet is at the back of the book please complete after discussing at home
5. **Final Course selection:** Is online by **September 25 2019.**



SENIOR 2: Semester 1				
Senior Two: 1	2	3	4	5
Building Construction Made to Measure (Fb) Photo design Automotive Engineering Food Product Development Game Changer Maths 4 Maths Sake	Be Yourself Business Matters Catering Apprentice 中文 Clockwork Universe How to get away with Murder Japanese Nihongo Le Francais	All Mixed Up Census & Sensibility How to Get away with Murder Control Shift Tab In the Spotlight Te Ao Maori El Espanol	Big Data Challenge the Limits Law & Crime Living Planet Performance Media Sustainable Footprints	Carpe Diem Forensic Science DVC-Product Design Senior English Language Lead the Field Man vs Wild Passion for Art

SENIOR 2: Semester 2				
Senior Two: 1	2	3	4	5
Hard Materials Technology Little Black Dress (Fb) Photo design Mechanical Engineering Food Product Development Lead the Field See the Invisible	Business Matters 2 Catering Apprentice 中文 Japanese Nihongo Le Francais Life on Mars Make it Count (Maths) This Just In	Adventure Social Media Music Industry Te Ao Maori El Espanol Take Action The Network (Maths)	Dance Your Way Thru Life Growing a Better Tomorrow Mahi Toi Tree of Life Revolution Next Level Coding #Lit 2.0	Beautiful Maths Models Dare 2 Lead DVC-Spatial Design Magic of Writing Nature's Lego Passion for Art Senior English Language

## Semester 1: Option 1 Courses

<b>Building and Construction (BCS) : Building and Safety</b>				
<b>Learning Areas</b>	Technology / Hard Materials			
<b>Course Description</b>				
<p>Learners will:</p> <ul style="list-style-type: none"> <li>● Demonstrate knowledge of health and safety legislation as it applies to a BCATS environment</li> <li>● Demonstrate knowledge of health and safety procedures in a BCATS environment</li> <li>● Apply safe working practices in a BCATS environment</li> <li>● Identify, describe and select portable power tools for BCATS projects</li> <li>● Use portable power tools for the construction of BCATS projects</li> <li>● Maintain portable power tools</li> <li>● Plan the manufacturing process for a BCATS project</li> <li>● Implement project plan, and monitor progress and quality of manufacturing process and product</li> </ul> <p>They will complete this by building 3 different projects in the workshop. This course is designed for learners who are looking for a more hands on environment with less paperwork.</p>				
<b>Learning Capabilities/ Critical Skills</b>				
<ul style="list-style-type: none"> <li>- Numeracy</li> <li>- Curiosity</li> <li>- Problem Solving</li> <li>- Analysing and Assessing Information</li> <li>- Creativity and Imagination</li> </ul>				
<b>Assessment</b> - Students will be internally assessed using BCITO Unit Standards to gain credits at Level 2.				
Learning Area	Standard Number	Standard Title	Credits	Int/Ext
TECHNOLOGY/BCATS	US24354	Demonstrate knowledge of and apply safe working practices in a BCATS workplace.	4	Int
TECHNOLOGY/BCATS	US24350	Identify, select, maintain and use portable power tools for BCATS project.	6	Int
TECHNOLOGY/BCATS	US24358	Plan and monitor the construction of a BCATS project, and quality check the product.	2	Int
<b>COURSE COST \$80</b>				

## Made to Measure

**Learning Area** Technology/Fabric

### Course Description

Learners are to design, draft and construct a unique tailor made garment to fit your client's personal measurements and that is for a specific purpose. This course is suitable for learners who have previously completed a fabric based course and have a fine eye for detail and precision.

### Learning Capabilities/Critical Skills

- Draft a pattern that is made to measure for yourself or a client
- Adapt that pattern to create a unique design
- Construct to create a tailor made garment
- Curiosity & Imagination
- Critical thinking
- Initiative & Enterprise

### Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
TECHNOLOGY	AS91626	Draft a pattern to interpret a design for a garment	6	Int
TECHNOLOGY	AS91355	Select and use planning tools to manage the development of an outcome	4	Int

**Course Costs \$ 30 + own Fabric**



# Photo Design

**Learning Area** Practical Art, Visual Art

## Course Description

Learn how to learn like an artist. Push the boundaries of what visual art in the fields of Photography or Design can be and question the social and physical world we live in through the production of artworks in the mediums of photography and design.

## Learning Capabilities/Critical Skills

Learners will produce their own Photography or Design artwork through the study of artists and their artwork. -  
-Collaboration Across Networks  
- Agility and Adaptability  
- Communication  
- Assessing and Analyzing Information  
- Curiosity and Imagination  
- Literacy

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
PRACTICAL ART / VISUAL ART	AS91310	Use drawing methods to apply knowledge of conventions appropriate to design <b>OR</b>	4	Int
PRACTICAL ART / VISUAL ART	AS91315	Develop ideas in a related series of drawings appropriate to established design practice <b>OR</b>	4	Int
PRACTICAL ART / VISUAL ART	AS90312	Use drawing methods to apply knowledge of conventions appropriate to photography <b>OR</b>	4	Int
PRACTICAL ART / VISUAL ART	AS90317	Develop ideas in a related series of drawings appropriate to established photography practice <b>OR</b>	4	Int

**Course Costs \$40**

# Automotive Engineering

## Learning Areas

Technology/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

- Curiosity
- Problem Solving
- Analyse and Assessing Information

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
MOTOR INDUSTRY	US29580	Demonstrate good working habits and safe work practices in the automotive industry	4	Int
MOTOR INDUSTRY	US30476	Demonstrate knowledge of tools and equipment used in the motor industry	2	Int
MOTOR INDUSTRY	US30475	Demonstrate knowledge of motor industry engineering tasks	2	Int
MOTOR INDUSTRY	US21668	Demonstrate knowledge of cleaning automotive components	2	Int
MOTOR INDUSTRY	US30478	Demonstrate knowledge of automotive lubricants	2	Int

**Course Cost \$30**

# Food Product Development

## Learning Areas

Technology

## Course Description

Learners will develop a conceptual design, that is fit for purpose and make a prototype to trial and justify. This will involve the learner coming up with a concept idea, interviewing their stakeholders and making 3 conceptual designs, before making the final prototype. This course has a balance of both theory and practical application in the kitchen.

## Learning Capabilities/ Critical Skills

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

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
TECHNOLOGY	AS91356	Develop a conceptual design for an outcome	6	Int
TECHNOLOGY	AS91357	Undertake effective development to make and trial a prototype	6	Int

**Course Cost** \$65

# Game Changer

**Learning Area** Health and Physical Education

## Course Description

Talent will only take you so far. To be the best you have to train like the best and you have to understand the body and how to get the most out of it. Game Changer will allow you to reach your goals whilst understanding the importance that sport plays in our society. This is a sports science class that has an extensive theory component.

## Learning Capabilities/Critical Skills

- Applied sport science encompassing biophysical principles of functional anatomy
- Biomechanics, methods and principles of training and components of fitness
- Sociological investigation into the way sport impacts society.

## Assessment

Learning Area	Standard number	Standard Title	Credits	Int/Ext
Physical Education	AS91328	Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills	5	Int
Physical Education	AS91329	Demonstrate understanding of the application of biophysical principles to training for physical activity	4	Int
Physical Education	AS91331	Examine the significance for self, others and society of a sporting event, a physical activity, or a festival	4	Int
Physical Education	AS91330	Perform a physical activity in an applied setting	4	Int

**Course Costs \$ 20 Field trip**

# Maths For Maths Sake

## Learning Area

Mathematics

## Course Description

This course is for learners interested in a career in Engineering or Medicine or want to be a future leader then this course is for you. If you would like to delve deeper into mathematics, logic and reasoning then come explore with us on your journey.

## Learning Capabilities/Critical Skills

- Numeracy
- Problem Solving
- Critical Thinking

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
MATHEMATICS	AS91261	Apply algebraic methods in solving problems	4	Ext
MATHEMATICS	AS91262	Apply calculus methods in solving problems	5	Ext
MATHEMATICS	AS91257	Apply graphical methods in solving problems	4	Int
MATHEMATICS	AS91269	Apply systems of equations in solving problems	2	int

## Course Costs \$

## Semester 1 Option 2 Courses

### Be Yourself

**Learning Area**

Health Education

**Course Description**

“Be yourself; everyone else is taken!” - Oscar Wilde. This course will look at what it takes to own your own story and do it with purpose while also considering the attitude and values of others. This course is a lead on from Senior 1 Ako and Zoom in Zoom out.

**Learning Capabilities/Critical Skills**

- Protective and Risk Factors that affect wellbeing
- Skills to manage change
- Interpersonal Skills
- Relationships
- Identity

**Assessment**

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
HEALTH	AS91236	Evaluate factors that influence people’s ability to manage change	5	Int
HEALTH	AS91239	Analyse issues related to sexuality and gender to develop strategies for addressing the issues	5	Int

**Course Cost \$**

# Business Matters

## Learning Area

Business Studies

## Course Description

Ever wondered what strategies a business uses to convince you to buy something. The psychology behind how a product is advertised or why people favour one brand over another? This course will go deep to discover the why and how behind marketing strategies and the motivation behind consumer decision making.

## Learning Capabilities/Critical Skills

- Collaboration across Networks
- Communication
- Assessing & Analysing Information

## Assessment

Learning Area	Standard number	Standard Title	Credits	Int/Ext
AGRI-BUSIN ESS	AS90865	Demonstrate understanding of future proofing influences that affect business viability.	4	Int
AGRI-BUSIN ESS	AS90868	Demonstrate understanding of cash flow forecasting for a business.	4	Int
BUSINESS STUDIES	AS90847	Investigate the application of motivation theory in a business	3	Int

## Course Cost \$

# Catering Apprentice (Full Year)

## Learning Areas

Technology  
(Hospitality Trade Industry Standards)

## Course Description

Learners will create a range of dishes in accordance with the standards, they will develop several good skills and techniques related to the food industry and undertake the prerequisite necessary in food safety and knife skills. This course uses industry cookery and management programs to engage students in a culinary skills programme where they will gain the knowledge they need to pursue a future career in Hospitality In order to take the semester 2 course, you must undertake this course. *Learners **CANNOT** take Food Product Development if they choose this course.*

## Learning Capabilities/ Critical Skills

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

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
TECHNOLOGY	US167	Practise food. safety methods in a food business under supervision	4	Int
TECHNOLOGY	US 13276	Cook food items by grilling	2	Int
TECHNOLOGY	US13272	Cook foods by baking	2	Int
TECHNOLOGY	US17286	Prepare and present pressed coffee for service	2	Int
TECHNOLOGY	US13285	Handle and maintain knives in a commercial kitchen	2	Int

**Course Cost** \$80



# 中文 (Full Year)

<b>Learning Area</b>	Languages			
<b>Course Description</b>				
Learners will develop an understanding of Chinese language and culture through studying the following topics, living and studying in China, Chinese culture practices, daily life for young people in China, tourism, and future plans. Develop an understanding of Chinese language and culture through studying the following Topics				
<ul style="list-style-type: none"><li>- Living and studying in China</li><li>- Chinese culture practices</li><li>- Daily life for young people in China</li><li>- Tourism</li><li>- Future Plans</li></ul>				
<b>Learning Capabilities/Critical Skills</b>				
<ul style="list-style-type: none"><li>- Collaboration Across Networks</li><li>- Agility and Adaptability</li><li>- Communication</li><li>- Assessing and Analyzing Information</li><li>- Curiosity and Imagination</li><li>- Literacy</li></ul>				
<b>Assessment</b>				
<b>Learning Area</b>	<b>Standard Number</b>	<b>Standard Title</b>	<b>Credits</b>	<b>Int/Ext</b>
CHINESE	AS91112	Write a variety of text types in Chinese to convey information, ideas and opinions in genuine context	5	Int
CHINESE	AS91110	Give a spoken presentation in Chinese that communicates information ideas and opinions. <b>OR</b>	4	Int
CHINESE	AS91109	Interact using spoken Chinese to share information and justify ideas and opinions in different situations	5	Int
<b>Course Costs \$30</b>				

# Clockwork Universe

## Learning Area

Science (Physics)

## Course Description

Learners will explore the cycle of modelling, predicting, measuring and representing the working of the universe through images graphs and equations.

## Learning Capabilities/Critical Skills

- Non Linear Investigation
- Graphical Methods
- Aspects of Waves, Mechanics and Electromagnetism
- Algebra

## Assessment

Learning Areas	Standard Number	Standard Title	Credits	Int/Ext
PHYSICS	AS91168	Carry out a practical physics investigation that leads to a non-linear mathematical relationship	4	Int
ALGEBRA	AS91257	Apply graphical methods in solving problems	4	Int
PHYSICS	AS91170	Demonstrate understanding of waves <b>OR</b>	6	Ext
PHYSICS	AS91171	Demonstrate understanding of mechanics <b>OR</b>	6	Ext
PHYSICS	AS91173	Demonstrate understanding of electricity and electromagnetism	6	Ext
ALGEBRA	AS91261	Apply algebraic methods in solving problems	4	Ext

## Course Cost \$ field trip

# How To Get Away With Murder

## Learning Area

English

## Course Description

A study of crime and the criminal mastermind. Figure out how to solve crimes using your deduction skills, put these to the test in a murder mystery.

## Learning Capabilities/Critical Skills

- Reading text (visual and written)
- Research Skills
- Critical Thinking

## Assessment

Learning Area	Standard Number	Standard Title	UE Literacy	Credits	Int/Ext
ENGLISH	AS91104	Analyse significant connections across texts, supported by evidence		4	Int
ENGLISH	AS91105	Use Information literacy skills to form developed conclusion	Reading	4	Int

Course Costs \$ 80 Murder Mystery Dinner

# Nihongo (Full Year)

**Learning Area** Languages

## Course Description

This course provides opportunities for learners to develop more sophisticated communication skills. This is a balanced course of reading, writing, listening and speaking based on Level 7 of the New Zealand Curriculum. Develop an in-depth understanding of Japanese language and culture. Explore topics including Japanese school life, teenage lifestyle, environmental issues, leisure and movie study.

## Learning Capabilities/Critical Skills

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

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
JAPANESE	AS91135	Give a spoken presentation that communicates information ideas and opinions <b>OR</b>	4	Int
JAPANESE	AS91134	Interact using spoken Japanese to share information and justify ideas and opinions in different situations	5	Int
JAPANESE	AS91137	Write a variety of text types in Japanese to convey information, ideas and opinions in genuine contexts	5	Int

**Course Costs \$ 30**

# Le Francais (Full Year)

**Learning Area** Languages

## Course Description

Learners will explore topics including the environment, technology, tourism, health, young people's issues and Francophone culture. The course provides opportunities for learners to develop more sophisticated communication skills. This is a balanced course of speaking, writing, listening and reading based on Level 7 of the New Zealand curriculum. Develop an understanding of French language and culture through studying the following topics

- Environment
- Technology
- Tourism
- Health
- Young people issues
- Francophone Culture

## Learning Capabilities/Critical Skills

- Collaboration Across Networks
- Agility and Adaptability
- Communication
- Assessing and Analyzing Information
- Curiosity and Imagination
- Literacy
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## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
FRENCH	AS91122	Write a variety of text types in French to convey information, ideas and Opinions in a genuine context	5	Int
FRENCH	AS91120	Give a spoken presentation in French that communicated information ideas and opinions <b>OR</b>	4	Int
FRENCH	AS91119	Interact using spoken French to share information and justify ideas and opinions in different situation	5	Int

**Course Costs \$30**

## Semester 1 Option 3 Courses

### All Mixed Up

**Learning Area**

Chemistry

**Course Description**

Learners will explore chemicals in everyday products and how they interact and react. How do chemicals make life easier? What are the risks of chemicals in our lives?

**Learning Capabilities/Critical Skills**

- Literacy & Numeracy
- Critical Thinking
- Problem Solving
- Analysing & Assessing Information

**Assessment**

Learning Area	Standard Number	Standard Title	Credits	Int/Ent
CHEMISTRY	AS91166	Demonstrate understanding of chemical reactivity	4	Ext
CHEMISTRY	AS91910	Carry out a practical investigation into a substance present in a consumer product using quantitative analysis	4	Int
CHEMISTRY	AS91167	Demonstrate understanding of oxidation-reduction	3	Int

**Course Cost \$10**

# Census and Sensibility

## Learning Area

Statistics, Geography

## Course Description

Do you want to make the world a better place? In this course learners will design questionnaires that help them understand issues, patterns and trends as well as think about possible solutions. Learners will delve deeper into the world of data analysis.

## Learning Capabilities/Critical Skills

- Questionnaires
- Statistical Inference
- Statistic Experiments
- Urban Patterns

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
MATHEMATICS	AS91263	Design a Questionnaire	3	Int
MATHEMATICS	AS91264	Use statistical methods to make an inference	4	Int
MATHEMATICS	AS91265	Conduct an experiment to investigate a situation using statistical methods	3	Int
GEOGRAPHY	AS91241	Demonstrate geographic understanding of an urban pattern	3	Int

## Course Cost \$

# How To Get Away With Murder

## Learning Area

English

## Course Description

A study of crime and the criminal mastermind. Figure out how to solve crimes using your deduction skills, put these to the test in a murder mystery.

## Learning Capabilities/Critical Skills

- Reading text (visual and written)
- Research Skills
- Critical Thinking

## Assessment

Learning Area	Standard Number	Standard Title	UE Literacy	Credits	Int/Ext
ENGLISH	AS91104	Analyse significant connections across texts, supported by evidence		4	Int
ENGLISH	AS91105	Use Information literacy Skills to form developed conclusion	Reading	4	Int

Course Costs \$ 80 Murder Mystery Dinner



## Control Shift Tab

### Learning Area

Digital Technology

### Course Description

This is a chance to explore an area of digital technologies that really interests you and carry out an inquiry about an outcome that is needed for an actual client. Learning advanced techniques you will then create the outcome to meet your client's needs. Possible outcomes might include; ebook, photo collage, printed brochure/booklet, magazine, or a set of marketing materials (logo, letterhead etc).

### Learning Capabilities/Critical Skills

- Carry out an inquiry for a proposed digital outcome
- Create a digital outcome using advanced techniques
- Curiosity & Imagination
- Literacy
- Critical Thinking
- Problem Solving

### Assessment

Learning Area	Standard number	Standard Title	Credits	Int/Ext
DIGITAL TECHNOLOGY	AS91890	Conduct an inquiry to propose a digital technologies outcome	6	Int
DIGITAL TECHNOLOGY	AS91893	Use advanced techniques to develop a digital media outcome	4	Int

### Course Cost \$5

## In The Spotlight

### Learning Area

English/Media Studies

### Course Description

This course will help to prepare those who want to move into the media industry when they leave school or just have an interest in media. You will get a better understanding of the decisions those in the industry make and through this understanding how to make decisions yourself. You will also continue to improve your skills in analysing media texts. This is not a practical course.

### Learning Capabilities/Critical Skills

- Pathways into Media Industry
- Understanding how the media industry makes the choices it does

### Assessment

Learning Area	Standard Number	Standard Title	UE Literacy	Credits	Int/Ext
ENGLISH	AS91107	Analyse aspects of visual/oral texts through close viewing/listening supported by evidence		3	Int
MEDIA STUDIES	AS91250	Demonstrate understanding of representation in the media		3	Int
MEDIA STUDIES	AS 91255	Write developed media text for a specific target audience.	Writing	3	Int

### Course Cost \$

## Te Ao Maori (Full Year)

<b>Learning Area</b>	Languages
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### Course Description

This course aims to provide students with an enriching experience of the Maori language and its importance in New Zealand culture. Senior 2 will focus on moving towards a bilingual classroom with most of the language being in the target language.

### Learning Capabilities/Critical Skills

- Taki Taiohi - Youth issues, online bullying, trouble at home
- Oku Whaniga - My goals
- Tangata Rongonui - Famous people
- Korero-a-nehera - Famous stories

### Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
TE REO	AS91284	Whakarongo kia mohio ki te reo a te ao torotoro - Listening	4	Int
TE REO	AS91285	Korero kia whakamahi i te reo a te reo o te ao torotoro - Speaking	6	Int
TE REO	AS91288	Waihanga tuhinga auaha i te reo o te ao torotoro - Portfolio writing	6	Int

**Course Cost \$30**

# El Espanol (Full Year)

**Learning Areas** | Language

## Course Description

Learners will explore topics including the environment, technology, tourism, health, young people issues and Hispanic culture. The course provides opportunities for learners to develop more sophisticated communication skills. This is a balanced course of speaking, writing, listening and reading based on Level 7 of the New Zealand curriculum. Develop an understanding of Spanish Language and culture through studying the following topics

- Environment
- Technology
- Tourism
- Health
- Young people issues
- Hispanic Culture

## Learning Capabilities/Critical Skills

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

## Assessment

Learning Area	Standard Number	Standard Topic	Credits	Int/Ext
SPANISH	AS91152	Write a variety of text types in Spanish to convey information, ideas and opinions in genuine contexts	5	Int
SPANISH	AS91150	Give a spoken presentation in Spanish that communicates information ideas and opinions <b>OR</b>	4	Int
SPANISH	AS91149	Interact using spoken Spanish to share information and justify ideas and opinions in different situations	5	Int

**Course Costs \$30**

## Semester 1 Option 4 Courses

### Big Data

#### Learning Area

Digital Technologies

#### Course Description

In this course you will learn how to use the technologies that power the internet. Create websites and find out how big data is changing everything we do. Get the skills to make things happen with HTML, CSS and Javascript.

#### Learning Capabilities/Critical Skills

- Web development and database design
- Digital development processes.
- Numeracy
- Critical Thinking
- Problem Solving
- Assessing & Analysing Information

#### Assessment

Learning Area	Standard number	Standard Title	Credits	Int/Ext
DIGITAL TECHNOLOGIES	AS91892	Use advanced techniques to develop a database	4	Int
DIGITAL TECHNOLOGIES	AS91897	Use advanced processes to develop a digital technologies outcome	6	Int

**Course Costs \$ 20 software**

# Challenge the Limits

**Learning Area** Health and Physical Education

## Course Description

Love an outdoor challenge? By participating in a range of challenging outdoor activities, you will gain technical skills while learning about; risk management, leadership, group dynamics and responsible practices. A large part of the course involves practical activities and will involve trips offsite.

## Learning Capabilities/Critical Skills

- Outdoor education intro course
- Aspects of outdoor safety and Planning when thinking about an EOTC experience
- Tramping, camping and ropes course experiences.
- Collaboration

## Assessment

Learning Area	Standard number	Standard Title	Credits	Int/Ext
TRAMPING	425	Experience day tramps	3	Int
TRAMPING	426	Experience camping	3	Int
ADVENTURE BASED LEARNING	470	Demonstrate personal and social development through participation in a low ropes course programme	3	Int
ADVENTURE BASED LEARNING	473	Demonstrate personal and social development through participation in a high ropes course programme	3	Int

## Course Costs \$ overnight & day trips

# Law and Crime

Learning Area

Psychology, Legal Studies

## Course Description

The criminal justice system determines the guilt or otherwise of an accused, and imposes sanctions on a guilty person. But what lies behind the mind of an offender? What factors contribute to offending? In this course you will investigate different crimes to learn about the key concepts in law. You will use theories from psychology to try to explain the behaviour of the criminal mind to an applied case.

## Learning Capabilities/ Critical Skills

Learners will learn about the components, legislation and case studies of the seven key concepts of law; natural justice, human rights, crime, negligence, privacy, freedom of the press. You will also critically reflect on what factors are more likely to contribute to criminal offending. This will develop your ability to assess and analyse information on the different crimes you read about or see in the media.

## Assessment

Learning Area	Standard Number	Standard Title	UE Literacy	Credits	Int/E xt
LEGAL STUDIES	US27842	Explain concepts of Law		4	Int
PSYCHOLOGY	AS91844	Examine different psychological approaches used to explain a behaviour	Reading & Writing	6	Int
LEGAL STUDIES	US8545	Describe factors contributing to, and consequences of, crime		3	Int

**Course Costs \$10**

# Living Planet

## Learning Area

Science/Biology

## Course Description

Learners will explore the wonder of life. If you care and have empathy for all living creatures then this is the course for you. Not only will we focus on the big picture with an overall ecological outlook, we will also investigate the inner workings of different animals and how they are adapted to survive.

## Learning Capabilities/Critical Skills

- Critical Thinking
- Problem Solving
- Literacy & Numeracy
- Assessing & Analysing Information
- 

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
BIOLOGY	AS91153	Carry out a practical investigation in a biology context, with supervision	4	Int
BIOLOGY	AS91155	Demonstrate understanding of adaptation of plants or animals to their way of life	3	Int
BIOLOGY	AS91158	Investigate a pattern in an ecological community, with supervision	4	Int

## Course Cost \$10



# Performance Media

## Learning Area

Music, Dance, Drama, English

## Course Description

Learners will have the opportunity to further develop their performance in either Music, or Dance (possibility of Drama) They will investigate the style of documentary and record their creative process. Analyse the film genre of documentary to understand codes and conventions

- Create a visual text in the style of documentary to record your creative process
- Create a performance within your chosen arts focus

## Learning Capabilities/Critical Skills

- Creativity
- Collaboration

## Assessment

Learning Area	Standard Number	Standard Title	UE Literacy	Credits	Int/Ext
ENGLISH	AS91103	Create a crafted and controlled visual and verbal text		3	Int
DANCE	AS91209	Dance Students: Perform a repertoire of dance		6	Int
DRAMA	AS91213	Drama Students: Apply drama techniques in a scripted context	Reading & Writing	4	Int
MUSIC	AS91270	Music Students: Perform two substantial pieces of music as a soloist		6	Int
MUSIC	AS91272	Perform substantial piece of music in a group		4	Int

## Course Costs \$ Field trips

# Sustainable Footprints

**Learning Area** Geography, Environmental Sustainability

## Course Description

In this course, you will examine a global environmental issue in a local New Zealand context. You will conduct field research about the issue and look at how human activity is impacting New Zealand's sustainable future. Geography research skills will build on those learned in Leave Only Footprints, and learners will have the opportunity as a class to choose their local environmental issue. A look at a global environmental issue examined from both a geographic perspective and a biophysical perspective. The geographic examination should be offered in a local context.

- Context to be chosen by learners and teachers. Current interests identified from Leave Only Footprints Year 11 are climate change, zero waste/plastics pollution, deforestation, and river pollution

## Learning Capabilities/Critical Skills

- Critical Thinking,
- Problem Solving,
- Analysing & Assessing Information

## Assessment

Learning Area	Standard number	Standard Title	Credits	Int/Ext
GEOGRAPHY	AS91244	Conduct geographic research with guidance	5	Int
ENVIRONMENTAL SUSTAINABILITY	AS90811	Explain how human activity in a biophysical environment has consequences for a sustainable future	4	Int

## Course Costs \$ Field trips

## Semester 1 Option 5 Courses

### Carpe Diem

#### Learning Area

English, Classical Studies

#### Course Description

Learn about aspects from the Classical World (Ancient Rome and Greece). Then compare these aspects to our world today. The aspects that will be focused on are mythology and heroes.

#### Learning Capabilities/Critical Skills

- A study into comparing the classical world with current day New Zealand
- Researching an aspect of the classical world, understanding primary and secondary sources.
- Compare and contrast societies
- Understanding why societies have formed the way they have

#### Assessment

Learning Area	Standard Number	Standard Title	UE Literacy	Credits	Int/Ext
CLASSICAL STUDIES	AS91204	Demonstrate understanding of the relationship between aspects of the classical world and aspects of other cultures	Reading	6	int
ENGLISH	AS91102	Construct and deliver a crafted and controlled visual text		3	Int
ENGLISH	AS91103	Create a crafted and controlled visual or oral text		3	Int

#### Course Costs \$ Fieldtrip

# Forensic Science

**Learning Area** Science

## Course Description

Learners will explore the scientific principles behind forensic skills used by Crime Scene Investigators. How is science used to help analyse evidence? What are the limitations of forensic science?

## Learning Capabilities/Critical Skills

-Critical Thinking & Problem Solving  
-Analysing & Assessing Information  
-Communication

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
BIOLOGY	AS91160	Investigate biological material at the microscopic level	3	Int
CHEMISTRY	AS91163	Demonstrate understanding of the chemistry used in the development of a current technology	3	Int
CHEMISTRY	AS91911	Carry out an investigation into chemical species present in a sample using qualitative analysis	3	Int
PHYSICS	AS91169	Demonstrate understanding of physics relevant to a selected context	3	Int

**Course Costs \$ 10**

## 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

- 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	AS91340	Use the characteristics of a design movement or era to inform own design ideas	3	Int
TECHNOLOGY	AS91342	Develop a product design design through graphics practice	6	Int
TECHNOLOGY	AS91343	Use visual communication techniques to compose a presentation of a design	4	Int
TECHNOLOGY	AS91337	Use visual communication techniques to generate design ideas	3	Ext
TECHNOLOGY	AS91338	Produce working drawings to communicate technical details of a design	4	Ext

**COURSE COST \$25**

# Lead The Field

## Learning Area

Health and Physical Education

## Course Description

A lead on course from "In It To Win It". If you love the practical aspect of Physical Education and want to develop your game and that of others then this course is for you. Learn to be an effective coach and understand that being socially responsible with help to make you the positive mentor that all good coaches are. "A leader is one who knows the way, goes the way, and shows the way."

## Learning Capabilities/Critical Skills

- Practical physical education pathway.
- Focus on sports leadership and the way sport is implemented in our community
- Understand the importance of social responsibility.
- Take action to improve own movement and the performance of others

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
Physical Education	AS91330	Perform a physical activity in an applied setting	4	Int
Physical Education	AS91332	Evaluate leadership strategies that contribute to the effective functioning of a group	4	Int
Physical Education	AS91334	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	3	Int

## Course Costs \$

# Man vs Wild

Learning Area	English/Physical Education
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## Course Description

Work on your literacy skills while making the most of the outdoors. See what New Zealand has to offer and use this to help make amazing creations. Being inspired by nature and the outdoors to create visual and or oral text based on the world around you.

## Learning Capabilities/ Critical Skills

- Creativity
- Collaboration
- Adaptability

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
ENGLISH	AS91102	Construct and deliver a crafted and controlled oral text <b>OR</b>	3	Int
ENGLISH	AS91103	Construct and deliver a crafted and controlled visual and verbal text	3	Int
PE	AS91333	Analyse the application of risk management strategies to a challenging outdoor activity	3	Int

## Course Cost \$Field trips

# A Passion For Art (Full Year)

**Learning Area** Practical Art, Visual Art

## Course Description

Come and learn to think like an artist. Learn how to learn like an artist. Push the boundaries of what visual art can be in the fields of painting, printmaking, and sculpture and question the social and physical world we live in through the production of artworks in the mediums of painting or printmaking or sculpture. Learners will produce their own analogue artworks through the study of artists and their artworks.

## Learning Capabilities/Critical Skills

-Creativity  
-Communication

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
PRACTICAL ART / VISUAL ART	AS91311	Use drawing methods to apply knowledge of conventions appropriate to painting <b>OR</b>	4	Int
PRACTICAL ART / VISUAL ART	AS91316	Develop ideas in a related series of drawings appropriate to established painting practice <b>OR</b>	4	Int
PRACTICAL ART / VISUAL ART	AS91321	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting	12	Ext

**Course Cost \$40 + Field trips**



## Semester 2 Option 1 Courses

### Hard Materials Technology

<b>Learning Areas</b>	Technology / Hard Materials			
<b>Course Description</b>				
<p>Learners will:</p> <ul style="list-style-type: none"> <li>- Implement advanced procedures using resistant materials to make a specified product with special features.</li> <li>- Demonstrate understanding of advanced concepts used to make products.</li> </ul> <p>This will be done by completing two projects. The first will be a whole class project that will require students to use a range of materials and tools in the workshop. The second project will be more student directed and will require planning, design and the ability to research different workshop techniques. This course requires a higher level of bookwork than the construction course but does allow students to gain merit and excellence endorsements.</p>				
<b>Learning Capabilities/ Critical Skills</b>				
<ul style="list-style-type: none"> <li>- Numeracy</li> <li>- Curiosity</li> <li>- Problem Solving</li> <li>- Analysing and Assessing Information</li> <li>- Creativity and Imagination</li> </ul>				
<b>Assessment</b> Students will be internally assessed using NCEA Achievement Standards to gain 12 credits at Level 2.				
<b>Learning Area</b>	<b>Standard Number</b>	<b>Standard Title</b>	<b>Credits</b>	<b>Int/Ext</b>
TECHNOLOGY	AS91344	Implement advanced procedures using resistant materials to make a specified product with special features	6	Int
TECHNOLOGY	AS91347	Demonstrate understanding of advanced concepts used to make products	4	Int
<b>COURSE COST \$60</b>				

# Little Black Dress

**Learning Area** Technology

## Course Description

“One is never over-dressed or undressed with a Little Black Dress” - Karl Lagerfeld  
You are to design a Little Black Dress for a context and client of your choosing. Your design must draw inspiration from an historic design period, fit within a collection and consist of a minimum of two special features.

## Learning Capabilities/Critical Skills

- Study a design era and make a black dress that relates to and is influenced by this era

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
TECHNOLOGY	AS91046	Implement advanced procedures using textile materials to make a specified product with special features	6	Int
DESIGN AND VISUAL COMMUNICATION	AS91340	Use the characteristics of a design movement or era to inform own ideas	3	Int

**Course Costs \$ 30 plus fabric**

# Photo Design

**Learning Area** Practical Art, Visual Art

## Course Description

Come and learn to think like an artist. Learn how to learn like an artist. Push the boundaries of what visual art in the fields of photography and design can be and question the social and physical world we live in through the production of artworks in the mediums of photography and design.

## Learning Capabilities/Critical Skills

Learners will produce their own photography and Design artwork through the study of artists and their artworks.

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
PRACTICAL ART / VISUAL ART	AS91310	Use drawing methods to apply knowledge of conventions appropriate to design <b>OR</b>	4	Int
PRACTICAL ART / VISUAL ART	AS91315	Develop ideas in a related series of drawings appropriate to established design practice <b>OR</b>	4	Int
PRACTICAL ART / VISUAL ART	AS90312	Use drawing methods to apply knowledge of conventions appropriate to photography <b>OR</b>	4	Int
PRACTICAL ART / VISUAL ART	AS90317	Develop ideas in a related series of drawings appropriate to established photography practice <b>OR</b>	4	Int

**Course Costs \$40**

# Mechanical Engineering

## Learning Areas

Mechanical Engineering

## Course Description

Learners will complete projects that develop engineering skills and build a stationary boiler and steam motor 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	US21911	Demonstrate knowledge of safety on engineering worksites	2	Int
COMPETENZ SCHOOLS	US2395	Demonstrate and apply knowledge of the selection, use, and care of engineering hand tools	4	Int
COMPETENZ SCHOOLS	US21906	Perform basic mechanical engineering machining operations under supervision	12	Int

**Course Cost \$50**

# Food Product Development

## Learning Areas

Mathematics (Statistics)  
Technology

## Course Description

Learners will develop a conceptual design, that is fit for purpose and make a prototype to trial and justify. This will involve the learner coming up with a concept idea, interviewing their stakeholders and making 3 conceptual designs, before making the final prototype. This course has a balance of both theory and practical application in the kitchen.

## Learning Capabilities/ Critical Skills

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

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext Lit/Num
TECHNOLOGY	AS91356	Develop a conceptual design for an outcome	6	Int
TECHNOLOGY	AS91357	Undertake effective development to make and trial a prototype	6	Int

**Course Cost \$65**

# Lead The Field

## Learning Area

Health and Physical Education

## Course Description

A lead on course from "In It To Win It". If you love the practical aspect of Physical Education and want to develop your game and that of others then this course is for you. Learn to be an effective coach and understand that being socially responsible with help to make you the positive mentor that all good coaches are. "A leader is one who knows the way, goes the way, and shows the way".

## Learning Capabilities/Critical Skills

- Practical physical education pathway.
- Focus on sports leadership and the way sport is implemented in our community
- Understand the importance of social responsibility.
- Take action to improve own movement and the performance of others

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
Physical Education	AS91330	Perform a physical activity in an applied setting	4	Int
Physical Education	AS91332	Evaluate leadership strategies that contribute to the effective functioning of a group	4	Int
Physical Education	AS91334	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	3	Int

## Course Costs \$

# See The Invisible

## Learning Area

Science (Physics)

## Course Description

Learners will explore the inner workings of matter, and look at how chance plays a part in the predictability and unpredictability of what makes things tick.

## Learning Capabilities/Critical Skills

- Critical Thinking & Problem Solving
- Numeracy
- Assessing & Analysing

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
PHYSICS	AS91169	Demonstrate understanding of physics relevant to a selected context	3	Int
PHYSICS	AS91172	Demonstrate understanding of atomic and nuclear physics	3	Int
PROBABILITY	AS91268	Investigate a situation involving elements of chance using a simulation	2	Int
PHYSICS	AS91170	Demonstrate understanding of waves <b>OR</b>	4	Ext
PHYSICS	AS91171	Demonstrate understanding of mechanics <b>OR</b>	6	Ext
PHYSICS	AS91173	Demonstrate understanding of electricity and electromagnetism	6	Ext
PROBABILITY	AS91267	Apply probability methods in solving problems	4	Ext

## Course Costs \$

## Semester 2 Option 2 Courses

### Business Matters #2

**Learning Area**

Business Studies

**Course Description**

Ever wondered what strategies a business uses to convince you to buy something the psychology behind how a product is advertised or why people favour one brand over another? This course will go deep to discover the why and how behind marketing strategies and the motivation behind consumer decision making.

**Learning Capabilities/Critical Skills**

- Market Research
- Motivational Theories

**Assessment**

Learning Area	Standard number	Standard Title	Credits	Int/Ext
Business Studies	AS90848	Carry out, review and refine a business activity with a community context, with guidance	9	Int
Business Studies	AS 90846	Conduct market research for a new or existing product	3	Int

**Course Cost \$**



# Catering Apprentice

<b>Learning Areas</b>	Technology (Hospitality Trade Industry Standards)
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## Course Description

Learners who wish to undertake this course, must have already completed the Semester One course. You will gain a Level 2 barista qualification, which will enable them to work a commercial coffee machine and produce a number of different coffees within a specified time. They will research and compare international cookery ideas and reflect on the culture and culinary methods used in two international dishes. Industry cookery and management units are used to engage students in this culinary skills program.

## Learning Capabilities/ Critical Skills

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

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
TECHNOLOGY	US 13274	Cook foods by poaching	2	Int
TECHNOLOGY	US 17285	Demonstrate knowledge of a commercial espresso coffee equipment and prepare espresso beverages under supervision.	4	Int
TECHNOLOGY	US22428	Prepare and serve tea	2	Int
TECHNOLOGY	US22234	Compare characteristics of international dishes and prepare and present international dishes	4	Int

**Course Cost** \$80

## 中文 (Full Year)

<b>Learning Area</b>	Languages
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### Course Description

Develop an understanding of Chinese language and culture through studying the following topics, living and studying in China, Chinese culture practices, daily life for young people in China, tourism, and future plans.

### Learning Capabilities/Critical Skills

- Develop an understanding of Chinese language and culture through studying the following Topics
- Living and studying in China
- Chinese culture practices
- Daily life for young people in China
- Tourism
- Future Plans

### Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
CHINESE	AS91112	Write a variety of text types in Chinese to convey information, ideas and opinions in genuine context	5	Int
CHINESE	AS91110	Give a spoken presentation in Chinese that communicates information ideas and opinions. <b>OR</b>	4	Int
CHINESE	AS91109	Interact using spoken Chinese to share information and justify ideas and opinions in different situations	5	Int
CHINESE	AS91108	Demonstrate understanding of a variety of spoken Chinese text on familiar matters	5	Ext
CHINESE	AS9111	Demonstrate understanding of a variety of written and/or visual Chinese text(s) on familiar matters	5	Ext

**Course Costs \$30**

# Nihongo (Full Year)

**Learning Area** Languages

## Course Description

This course provides opportunities for learners to develop more sophisticated communication skills. This is a balanced course of reading, writing, listening and speaking based on Level 7 of the New Zealand Curriculum.

## Learning Capabilities/Critical Skills

- Develop an in-depth understanding of Japanese language and culture.
- Explore topics including Japanese school life, teenage lifestyle, environmental issues, leisure and movie study

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
JAPANESE	AS91135	Give a spoken presentation that communicates information ideas and opinions <b>OR</b>	4	Int
JAPANESE	AS91134	Interact using spoken Japanese to share information and justify ideas and opinions in different situations	5	Int
JAPANESE	AS91137	Write a variety of text types in Japanese to convey information, ideas and opinions in genuine contexts	5	Int
JAPANESE	AS91133	Demonstrate understanding of a variety of spoken Japanese texts on familiar matters	5	Ext
JAPANESE	AS91136	Demonstrate understanding of a variety of written and/or visual Japanese text(s) on familiar matters	5	Ext

**Course Costs \$30**

# Le Francais (Full Year)

## Learning Area

Languages

## Course Description

Learners will explore topics including the environment, technology, tourism, health, young people's issues and Francophone culture. The course provides opportunities for learners to develop more sophisticated communication skills. This is a balanced course of speaking, writing, listening and reading based on Level 7 of the New Zealand curriculum.

## Learning Capabilities/Critical Skills

- Develop an understanding of French language and culture through studying the following topics
- Environment
- Technology
- Tourism
- Health
- Young people issues
- Francophone Culture

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
FRENCH	AS91122	Write a variety of text types in French to convey information, ideas and Opinions in a genuine context	5	Int
FRENCH	AS91120	Give a spoken presentation in French that communicated information ideas and opinions <b>OR</b>	4	Int
FRENCH	AS91119	Interact using spoken French to share information and justify ideas and opinions in different situation	5	Int
FRENCH	AS91118	Demonstrate understanding of a variety of spoken French text on familiar matters	5	Ext
FRENCH	AS91121	Demonstrate a variety of written and/or visual French texts on familiar matters	5	Ext

**Course Costs \$30**

# Life on Mars

**Learning Area** Science

## Course Description

Learners will explore the conditions on the planets and moons of our solar system. Could life exist on Mars? What about Europa and Titan? By looking at life on Earth learners will be challenged to evaluate the possibility of extraterrestrial life.

## Learning Capabilities/Critical Skills

- Communication
- Literacy
- Numeracy
- Analysing & Assessing Information

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
EARTH AND SPACE SCIENCE	AS91188	Examine an Earth and Space Science issue and the validity of the information communicated to the public	4	Int
EARTH AND SPACE SCIENCE	AS91190	Investigate how organisms survive in an extreme environment	4	int
BIOLOGY	AS91156	Demonstrate understanding of life processes at the cellular level	4	Ext

## Course Cost \$

## Make it Count

<b>Learning Area</b>	Agriculture, Mathematics
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### Course Description

A practical application of statistics and probability will combine with learners interest in farming to help them make good decisions on the farm.

### Learning Capabilities/Critical Skills

- Mathematics
- Statistics
- Probability
- Agriculture

### Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
STATISTICS	AS91266	Evaluate a statistically based report	2	Int
PROBABILITY	AS91268	Investigate a situation involving elements of chance using a simulation	2	Int
PROBABILITY	AS91267	Apply probability methods in solving problems	4	Ext

**Course Cost \$**

## This Just In

### Learning Area

Media Studies

### Course Description

If you are interested in the media or enjoy writing this is the class for you. Choose any area of interest for you and become a photo-journalist. Write an article and then create a magazine spread using skills to make it look amazing. A great way to show your creativity while being able to focus on a topic that actually interests you.

### Learning Capabilities/Critical Skills

- Codes and Conventions of feature article creation
- Being able to use visuals to enhance writing

### Assessment

Learning Area	Standard Number	Standard Title	UE Literacy	Credits	Int/Ext
MEDIA STUDIES	AS91253	Compete a developed media product from a design and plan using a range of conventions		6	Int
MEDIA STUDIES	AS91255	Write developed media text for a specific target audience	Writing	3	Int

### Course Costs \$

## Semester 2 Option 3 Courses

### Adventure Media; Social Media

#### Learning Area

PE, Media Studies, Visual Arts

#### Course Description

Combining adventure media and social media, learners will learn what it takes to run a successful adventure tourism media campaign in New Zealand through Facebook, Instagram and Youtube. Learners will then experience and learn risk management through adventure and apply their new learned social media campaign production skills within a social media campaign promoting adventure to youth in Selwyn.

#### Learning Capabilities/Critical Skills

- Innovation & Enterprise
- Creativity
- Communication

#### Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
PE	AS91333	Analyse the application of risk management strategies to a challenging outdoor activity	3	Int
MEDIA STUDIES	AS91253	Complete a developed media product from a design and plan using a range of conventions. <b>OR</b>	6	Int
VISUAL ARTS	AS91325	Produce a resolved work that demonstrates control of skills appropriate to cultural conventions	4	Int

**Course Costs \$20 + Field trips**



# Music Industry

**Learning Area** Music Technology/Music Studies

## Course Description

Investigate into New Zealand music and the industry outside of the song/artist. Devise an instrumentation for an ensemble with a New Zealand music focus.

## Learning Capabilities/Critical Skills

- Analyse an aspect of New Zealand Music with a focus on a particular song
- Devise instrumentation of song using music notation software
- Demonstrate and apply knowledge of music techniques, equipment, technologies and electronic music production

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
MUSIC TECHNOLOGY	US27657	Demonstrate knowledge of music techniques, equipment and technology	4	Int
MUSIC TECHNOLOGY	US27658	Demonstrate and apply knowledge of electronic music production <b>OR</b>	4	Int
MUSIC STUDIES	AS91273	Devise instrumentation for ensemble	4	Int
MUSIC STUDIES	AS91278	Investigate an aspect of New Zealand music	4	Int

## Course Costs \$

# Te Ao Maori (Full Year)

**Learning Area** Languages

## Course Description

This course aims to provide students with an enriching experience of the Maori language and its importance in New Zealand culture. Senior 2 will focus on moving towards a bilingual classroom with most of the language being in the target language.

## Learning Capabilities/Critical Skills

- Taki Taiohi - Youth issues, online bullying, trouble at home
- Oku Whaniga - My goals
- Tangata Rongonui - Famous people
- Korero-a-nehera - Famous stories

## Assessment

Learning Area	Standard Number	Standard Title	Reading Writing	Credits	Int/Ext
TE REO	AS91284	Whakarongo kia mohio ki te reo a te ao torotoro - Listening		4	Int
TE REO	AS91285	Korero kia whakamahi i te reo a te reo o te ao torotoro - Speaking		6	Int
TE REO	AS91288	Waihanga tuhinga auaha i te reo o te ao torotoro - Portfolio writing	W	6	Int
TE REO	AS91286	Panui kia mohio ki te reo o te ao torotoro - Reading	R	6	Ext
TE REO	AS91287	Tuhi i te reo o te ao torotoro - Writing	W	6	Ext

**Course Cost \$30**

# El Espanol (Full Year)

## Learning Areas

Languages

## Course Description

Learners will explore topics including the environment, technology, tourism, health, young people issues and Hispanic culture. The course provides opportunities for learners to develop more sophisticated communication skills. This is a balanced course of speaking, writing, listening and reading based on Level 7 of the New Zealand curriculum.

## Learning Capabilities/Critical Skills

- Develop an understanding of Spanish Language and culture through studying the following topics
- Environment
- Technology
- Tourism
- Health
- Young people issues
- Hispanic Culture

## Assessment

Learning Area	Standard Number	Standard Topic	Credits	Int/Ext
SPANISH	AS91152	Write a variety of text types in Spanish to convey information, ideas and opinions in genuine contexts	5	Int
SPANISH	AS91150	Give a spoken presentation in Spanish that communicates information ideas and opinions <b>OR</b>	4	Int
SPANISH	AS91149	Interact using spoken Spanish to share information and justify ideas and opinions in different situations	5	Int
SPANISH	AS91148	Demonstrate understanding a variety of spoken spanish texts on familiar matters	5	Ext
SPANISH	AS91151	Demonstrate understanding of a variety of written and/or visual spanish tet(s) on familiar matters	5	Ext

**Course Costs \$30**

# Take Action

## Learning Area

Social Studies

## Course Description

How do we use personal interests and strengths to impact the common good? How do we learn to critically engage with the inequalities we see in our communities, nation, and world? "Take Action" is designed to enable you to gain confidence in your power as advocates for social justice and to take a courageous stand towards your passion. Defining rights, responsibilities, fairness, equity, social action, and transformative change

- Research/investigating forms of social action of interest to learners
- Learn from local social justice champions
- Cultivating passion for an issue
- Planning, implementing, and documenting involvement in a social action that addresses an issue learners are passionate about

## Learning Capabilities/Critical Skills

- Literacy
- Assessing & Analysing
- Curiosity & Imagination

## Assessment

Learning Area	Standard number	Standard Title	Credits	Int/Ext
Social Studies	AS91283	Describe a social action that enables communities and/or nations to meet responsibilities and exercise rights	4	Int
Social Studies	AS91282	Describe personal involvement in a social action related to rights and responsibilities	5	Int

## Course Cost \$

## The Network

### Learning Area

Mathematics

### Course Description

All things are interconnected, learners will delve into the world of these connections and try to explore the transversability of the connections, minimise paths and spans and understand vital links.

### Learning Capabilities/Critical Skills

- Mathematics with Statistics
- Environmental Responsibility
- Waves

### Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ent
MATHEMATICS	AS91260	Apply network methods in solving problems	2	Int
MATHEMATICS	AS91266	Evaluate a statistically based report	2	Int
MATHEMATICS	AS91258	Apply sequences and series in solving problems	2	Int

### Course Costs \$

## Semester 2 Option 4 Courses

### Dance your way through Life

**Learning Area** Performing Arts

#### Course Description

Explore relationships with self and others through dance using health concepts as a stimulus. Possibility of drama and/or performing arts technology standards based on learner interest. Dance with an ensemble and as a soloist

- Discuss and explore relationships with self and others
- Explore choreographic devices
- Apply knowledge of choreographic devices to create own dance

#### Learning Capabilities/Critical Skills

- Creativity
- Critical Thinking & Problem Solving
- Communication

#### Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
DANCE CHOREOGRAPHY	AS91206	Choreograph a solo dance to communicate intenton	4	Int
DANCE PERSPECTIVE	AS91210	Demonstrate understanding of a range of choreographic processes	4	Int
HEALTH EDUCATION	AS91239	Analyse issues related to sexuality and gender to develop strategies for addressing the issues	5	Int

#### Course Costs \$

# Growing A Better Tomorrow

## Learning Area

Agriculture, Horticulture, Agribusiness

## Course Description

Interested in agriculture, then you are in business. New Zealand's agricultural industry forms the backbone of our economy, contributing 48% to our export earnings. It needs people with specialist skills. In this course you will gain practical knowledge whilst learning business skills to manage in this industry.

## Learning Capabilities/Critical Skills

- Critical Thinking & Problem Solving
- Initiative & Enterprise

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
AGRICULTURAL AND HORTICULTURAL SCIENCE	AS91289	Carry out an extended practical agricultural or horticultural investigation	4	Int
AGRIBUSINESS	AS91865	Demonstrate understanding of future proofing influences that affect business viability	4	Int
AGRIBUSINESS	AS91866	Conduct an inquiry into the use of organisms to meet future need	4	Int

## Course Costs \$10

# Mahi Toi/Maori and Pasifika Art

## Learning Area

Arts, Tikanga Maori

## Course Description

Using students' own cultural backgrounds as a starting point we will research and learn about the symbolism, meaning and value of these artforms. We will learn some methods and techniques of how to produce some traditional artforms from maori and pacific cultures. Then we will investigate how this visual culture is still thriving in Aotearoa, with modern changes in style technique and materials, including embracing technology. There is scope to develop art in the community and for the community (or wider Christchurch community).

## Learning Capabilities/Critical Skills

- Bi-Culturally Aware
- Communication
- Agility & Adaptability

## Learning Capabilities/Critical Skills

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
VISUAL ARTS	91325	Produce a finished work that demonstrates cultural conventions	4	Int
VISUAL ARTS	91314	Use drawing methods to produce knowledge of conventions appropriate to sculpture	4	Int
TIKANGA	US16044	Describe historical events of one hapu or iwi	4	Int

**Course Costs \$30 plus Field Trips**



# Tree of Life

**Learning Area** Science (Biology)

## Course Description

Learners will delve into the world of genetics and inheritance. Genetic manipulation is the ultimate route to world domination. Take your first step in this direction by finding out how it all works, from DNA and gene expression to what can not only go wrong with mutations but also how they help determine the successful species through natural selection in the world around us.

## Learning Capabilities/Critical Skills

- Literacy
- Numeracy
- Assessing & Analysing Information
- Communication

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
BIOLOGY	AS91157	Demonstrate understanding of genetic variation and change	4	Ext
BIOLOGY	AS91159	Demonstrate understanding of gene expression	4	Ext

## Course Cost \$possible Field Trips

# Revolution

**Learning Area** History

## Course Description

If you are serious about changing society, study revolutions. Revolutions define some of the most important events in human history. We will look at major political, military, economic and social events of the 20th century with a focus on examining the social, intellectual and political unrest that cause revolution and the consequences that follow. Alongside this we will examine Political theory and ideas behind Revolution in its many contexts.

## Learning Capabilities/Critical Skills

- Analysing & Assessing
- Literacy
- Curiosity

## Assessment

Learning Area	Standard Number	Standard Title	UE Literacy	Credits	Int/Ext
HISTORY	AS91229	Carry out an inquiry of an historical event or place that is of significance to New Zealanders	Reading	4	Int
HISTORY	AS91230	Examine an historical event or place that is of significance to New Zealanders	Reading	5	Int
HISTORY	AS91232	Interpret different perspectives of people in an historical event that is of significance to New Zealanders	Reading	5	Int
HISTORY	AS91233	Examine causes and consequences of a significant historical event. (optional)	Reading Writing	5	Ext

**Course Cost \$5**

# Next Level Coding

## Learning Area

Digital Technology

## Course Description

Now is the time to take your Python skills to the next level! Play with tech, make the things that you want to exist and discover how computer science will continue to change our lives.

## Learning Capabilities/Critical Skills

- Build and refine programming skills using Python.
- Practice technological development processes.
- Investigate the computer science behind an emerging technology.

## Assessment

Learning Area	Standard number	Standard Title	Credits	Int/Ext
DIGITAL TECHNOLOGY	AS91898	Demonstrate understanding of a computer science concept	3	Ext
DIGITAL TECHNOLOGY	AS91896	Use advanced programming techniques to develop a computer program	6	Int

**Course Cost \$20 software**

## #Lit 2.0

### Learning Area

English

### Course Description

A study of literature through novels, short texts and film. Looking at conventions such as plot, character, theme and setting you will have the opportunity to use analytical skills and literacy skills to show understanding of the texts as well as the world around you. This course means you will also have the opportunity to show your learning through an exam as well as internally.

### Learning Capabilities/Critical Skills

- Reading texts (visual and written)
- Critical thinking
- Essay Writing
- Examination

### Assessment

Learning Area	Standard number	Standard Title	UE Literacy	Credits	Int/Ext
ENGLISH	AS91098	Analyse specified aspect(s) of studied written text(s), supported by evidence <b>OR</b>	Reading /Writing	4	Ext
ENGLISH	AS9106	Form developed personal responses to independently read texts, supported by evidence	Reading	4	Int
ENGLISH	AS91099	Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence	Writing	4	Ext

### Course Cost \$

## Semester 2 Option 5 Courses

### Beautiful Maths Models

**Learning Area**

Mathematics

**Course Description**

Want to understand the world around us? This course will take learners deep into understanding mathematical modelling.

**Learning Capabilities/Critical Skills**

- Numeracy
- Problem Solving

**Assessment**

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
TRIGONOMETRY	AS91259	Apply trigonometric relationships in solving problems	3	Int
ALGEBRA	AS91257	Apply graphical methods in solving problems	4	Int
CALCULUS	AS91262	Apply calculus methods in solving problems	5	Ext

**Course Cost \$**

# Dare To Lead

## Learning Area

Health & Physical Education, Geography

## Course Description

Leading through action...This course is a follow on from healthy communities and global voices. Dare to lead will create a space that allows learners to breathe, be curious, and to explore the world and be who they are without suffocation. Learners will move from knowledge to daily practice with regards to leadership, wellbeing and global responsibility/action. The world is desperate for brave leaders. The greatest barrier to courageous leadership is not fear - it's how we respond to our fear. It's time for all of us to gain understanding and to step up. Global Goals (learner choice and this would drive what kind of geographic issue or pattern to focus on)

- Geographic Issues
- Positive (well-being) Education
- Leadership - Daring in the classroom
- Responsibility self, others, community by taking action

## Learning Capabilities/Critical Skills

- Agility & Adaptability
- Collaboration across Networks
- Critical Thinking & problem Solving

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
Physical Education	AS91332	Evaluate leadership strategies that contribute to the effective functioning of a group	4	Int
HEALTH	AS91237	Take action to enhance an aspect of people's well-being within the school or wider community	5	Int
GEOGRAPHY	AS91245	Explain aspects of a geographic topic at a global scale <b>OR</b>	3	Int
GEOGRAPHY	AS91245	Explain aspects of a contemporary New Zealand geographic issue	3	Int

## Course Cost \$20

## Design & Visual Communication (DVC) : Spatial 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

- 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 & relevance

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
TECHNOLOGY	AS91340	Use the characteristics of a design movement or era to inform own design ideas	3	Int
TECHNOLOGY	AS91341	Develop a spatial design through graphics practice	6	Int
TECHNOLOGY	AS91343	Use visual communication techniques to compose a presentation of design	4	Int
TECHNOLOGY	AS91339	Produce instrumental perspective projection drawings to communicate design ideas	3	Ext

**COURSE COST \$25**

# The Magic of Writing

## Learning Area

English

## Course Description

Want to develop your own instinctive writing approach? Open your mind and discover the magic around you. Read stories and watch films to build your capacity to weave words creatively. Create a selection of magical writing and prepare to complete an essay in an external examination.

## Learning Capabilities/Critical Skills

- Writing (a selection of formal and creative writing)
- Analysis of texts
- Essay writing and examinations

## Assessment

Learning Area	Standard Number	Standard Title	UE Literacy	Credits	Int/Ext
ENGLISH	AS91101	Produce a selection of crafted and controlled writing	Writing	6	Int
ENGLISH	AS91099	Analyse specific aspect(s) of studied visual/oral texts supported by evidence	Writing	4	Ext

## Course Costs \$



# Nature's Lego

**Learning Area** Science (Chemistry)

## Course Description

Learners will explore the structure and bonding of chemicals in the world around us. Why do certain materials have the properties they have? How do we determine what chemicals something is made up of? How do we turn one chemical into another.

## Learning Capabilities/Critical Skills

- Critical Thinking & problem Solving
- Numeracy
- Assessing & Analysing Information
- Literacy

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
CHEMISTRY	AS91164	Demonstrate understanding of bonding, structure, properties and energy changes	5	Ext
CHEMISTRY	AS91165	Demonstrate understanding of the properties of selected organic compounds	2	Ext
CHEMISTRY	AS91911	Carry out an investigation into chemical species present in a sample using qualitative analysis	3	Int
CHEMISTRY	AS91163	Demonstrate understanding of the chemistry used in the development of a current technology	3	Int

**Course Cost \$10 possible field trips**

# A Passion For Art (Full Year)

**Learning Area** Practical Art, Visual Art

## Course Description

Come and learn to think like an artist. Learn how to learn like an artist. Push the boundaries of what visual art can be in the fields of painting, printmaking, and sculpture and question the social and physical world we live in through the production of artworks in the mediums of painting or printmaking or sculpture. Learners will produce their own analogue artworks through the study of artists and their artworks.

## Learning Capabilities/Critical Skills

-Creativity  
-Communication

## Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
PRACTICAL ART / VISUAL ART	AS91311	Use drawing methods to apply knowledge of conventions appropriate to painting <b>OR</b>	4	Int
PRACTICAL ART / VISUAL ART	AS91316	Develop ideas in a related series of drawings appropriate to established painting practice <b>OR</b>	4	Int
PRACTICAL ART / VISUAL ART	AS91321	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting	12	Ext

**Course Cost \$40 + Field trips**

## Senior English Language (Full Year)

**Learning Area** English

### Course Description

This course provides opportunities for learners to develop fluency in listening, speaking, reading and writing.

### Learning Capabilities/Critical Skills

- Develop English language skills in order to understand and communicate effectively.
- Targeted support in grammar and language development to help learners improve oral and written English language

### Assessment

Learning Area	Standard Number	Standard Title	Credits	Int/Ext
ENGLISH LANGUAGE	US28001	Complete a form - Writing	5	Int
ENGLISH LANGUAGE	US31014	Participate in a straight forward spoken interaction on a familiar topic (EL) OR	5	Int
ENGLISH LANGUAGE	US31020	Participate in an interview on a familiar topic (EL)	5	Int
ENGLISH LANGUAGE	US30980	Demonstrate understanding of a straight forward spoken text on a familiar topic (EL)	5	Int
ENGLISH LANGUAGE	US30995	Read and understand a straight forward text on a familiar topic (EL)	5	Int

### Course Costs \$

## Future PATHWAYS

You should be ensuring you keep your future options open as minds are likely to change over the next 2 years. Use the chart below to see what courses may 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 &amp; Certificates:</u> NZ Diploma in Business at MIT	Mathematics 14cr L1 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 &amp; Certificates</u>	Mathematics Science English
<u>Fine Arts &amp; Design Degrees:</u> Fashion Product Graphic Communication Landscape Spatial Textile Visual Art/s	Mathematics English Art DVC
<u>Food Science &amp; 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 Certificate and Diplomas</u>	Mathematics English Food Technology

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

<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 &amp; PE</p> <p>Mathematics Science English Art Music</p> <p>Mathematics Science English</p>

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



Senior Two: Semester 1	1	2	3	4	5
	Select 2 courses for Semester 1 and 2 courses for Semester 2	Select 2 courses for Semester 1 and 2 courses for Semester 2	Select 2 courses for Semester 1 and 2 courses for Semester 2	Select 2 courses for Semester 1 and 2 courses for Semester 2	Select 2 courses for Semester 1 and 2 courses for Semester 2
1.	1.	1.	1.	1.	1.
2.	2.	2.	2.	2.	2.
Senior Two: Semester 2	1	2	3	4	5
	Select 2 courses for Semester 1 and 2 courses for Semester 2	Select 2 courses for Semester 1 and 2 courses for Semester 2	Select 2 courses for Semester 1 and 2 courses for Semester 2	Select 2 courses for Semester 1 and 2 courses for Semester 2	Select 2 courses for Semester 1 and 2 courses for Semester 2
1.	1.	1.	1.	1.	1.
2.	2.	2.	2.	2.	2.