



QUEEN  
CHARLOTTE  
COLLEGE

**SENIOR SCHOOL SUBJECTS  
2017**

## English - Ingarangi

*English offers the freedom to explore*

*English fosters creativity*

*English enables learning*

*English develops thinking*

*English promotes participation*

### **English – Year 11**

English at Year 11 offers three courses, all of which involve Level 1 Achievement Standards and cover the strands of the English Curriculum. The courses build on the skills covered in Years 9 and 10 and involve the study, use and enjoyment of the English language and its literature.

Course work involves reading and responding to a range of texts, producing creative and transactional writing, presenting visual texts and speech making. All standards covered contribute to Level 1 literacy.

It is the decision of the HoD English as to which course students are placed in. All three courses offer a minimum of 17 credits. Course endorsement is only available for 11ENG, which includes both external and internal assessment. 11ENG students are required to purchase an English Workbook – cost approximately \$20.00. Students in 11ENM and 11ENP are assessed internally.

### **English – Year 12**

English at Year 12 offers three courses, all of which cover the strands of the English curriculum and offer a minimum of 17 credits. Year 12 courses develop logically from the Level 1 courses, introducing more challenging texts for study and students are expected to produce increasingly sophisticated work.

Achievement Standards towards UE Literacy are available on each of the courses provided. Each course offers standards linked to all Vocational Pathways but there are no industry specific credits on offer.

12ENG provides the opportunity for course endorsement and university entrance literacy requirements, including both external and internal assessment. 12ENG students are required to purchase an English Workbook – cost approximately \$20.00. 12ENM and 12ENP are assessed internally and include a combination of both Unit and Achievement standards.

## **English – Year 13**

This course is only intended for those students who have been successful in English at Levels 1 and 2, and who have an interest in examining life from a critical perspective through literature. It introduces the concept of literary movements and critical theory. Students need to be regular, independent readers, critical thinkers and competent writers.

Achievement Standards towards UE Literacy are available on each of the courses provided.

This course is recommended for students who intend to study any Arts subjects at tertiary level. Course endorsement and university entrance literacy requirements are available in this course. Assessment will be both external and internal and a minimum of 17 credits is offered. Students are required to purchase an English Workbook – cost approximately \$25.00.

## **Production English – Year 13**

This course is intended for students who have an interest in media or drama production whilst also increasing the sophistication of their written and verbal communication. The course will offer a mixture of Level 2 and 3 Achievement Standards and will require prior experience of or enthusiasm for media design & production and dramatic performance.

Achievement Standards towards UE Literacy are available on each of the courses provided.

Depending on the standards offered – those from Level 2 – there may be links with various Vocational Pathways available through this course.

Depending on opportunities available, trips to theatres, or other media events may be on offer which students are expected to fund. Approximately 18 credits will be offered.

## **Mathematics and Statistics – Year 11**

There are two courses on offer, both of which offer a balanced selection from across all strands of the Mathematics and Statistics curriculum. The standards offered are all NCEA Level 1, which approximates to Level 6 of the National Curriculum. It is the decision of HoD Mathematics as to which class you are placed in. This decision is based on: prior results, career pathway, aptitude and ability. The HoD Mathematics welcomes the input of parents and caregivers towards the end of Year 10 when the decisions are generally made. Both courses offer a minimum of 15 Level 1 credits and require the use of a scientific calculator. The majority of standards are Achievement Standards where students can strive for Excellence. The maximum credit numbers are listed below. Numeracy specific unit standards are available if needed.

Level 1 Numeracy: all achievement standards

Level 1 Literacy: 4 credits in each course

**11MAT:** 4 internals (14 credits), 2 externals (8 credits).

Cost: Homework Book approximately \$30.00

**Note:** A Graphical calculator is required for some assessments.

**11MAM:** 6 internals (19 credits)

## **Mathematics and Statistics - Year 12**

There are two courses on offer with an emphasis on the Algebra strand of the National Curriculum. The standards on offer are all NCEA Level 2 and are equivalent to Level 7 of the National Curriculum. A minimum of 14 credits will be offered. These courses are intended for students who have been reasonably successful in their study of Mathematics at NCEA Level 1. It is important that your career pathway is considered before you select one of these courses. The maximum credit numbers are listed below.

Level 1 Numeracy: all standards

Level 1 Literacy: 7 credits in each course

UE Literacy: None

Each course offers standards linked to all Vocational Pathways but there are no industry specific credits on offer.

**12MAT:** 4 internals (13 credits), 2 externals (8 credits).

**Cost:** Homework Book approximately \$30.00

**Note:** A graphical calculator is required.

**12MAM:** 7 internals (22 credits).

## Calculus – Year 13

This course is only intended for those students who have been very successful in Mathematics and Statistics at Levels 1 and 2. It relies heavily on prior knowledge of algebra and calculus. The new topics are: complex numbers and trigonometric graphs & relationships. This is an approved University Entrance subject. The course is likely to be constructed as listed below.

Level 1 Numeracy: all standards

UE Literacy: None

There are no Vocational Pathways linked to this course.

**13CAL:** 2 internals (7 credits), 3 externals (17 credits).

**Cost:** Homework Book approximately \$30.00

**Note:** A graphical calculator is essential.

## Statistics – Year 13

This course is only intended for those students who have been successful in Mathematics and Statistics at NCEA Levels 1 and 2. It relies heavily on being able to demonstrate knowledge of the world around us. This is an approved University Entrance subject.

Level 1 Numeracy: all standards

Level 1 Literacy: 20 credits

UE Literacy: None

There are no Vocational Pathways linked to this course.

**13STA:** 5 internals (17 credits), 2 externals (8 credits).

**Cost:** Online Homework Resource approximately \$30.00

**Note:** A graphical calculator is essential.

## Sciences - Pūtaiao

### Science Year 11

There are **two** science courses offered at year 11.

- You should think carefully about which would suit you better.
- You may take both if you wish. If you are intending to do anything in health or medical sciences you are likely to need both.

### Y11 Physical Science

This course will explore chemistry and physics and can lead to these two subjects in level 2. This course will have a common core of: atoms, metals and non-metals; chemical reactions; mechanics; experimental physics and chemistry. There will be some choice from: electricity, technological applications and Earth and space science.

### Y11 Biological Science

This course will explore biology and chemistry and can lead to these two subjects in level 2. There will be a common core of: genetics; life processes; chemistry; biological and chemical investigations and there will be some choice around biological issues, microorganisms and ecology and Earth and space Science. A maximum number of 24 credits can be undertaken for each course, at least 12 of which will be internally assessed. 16 credits is considered the minimum to be attempted and 20 credits is recommended. All credits will be Achievement Standards.

Each external achievement Standard has a workbook, which will be approximately \$9 per book.

### Biology Year 12

Students are expected to have achieved Level 1 Science, particularly AS 90948. Students must attend a camp at Lake Rotoiti in Term 2 at a cost of **\$250.00** per student. Most internal assessments are connected to this camp.

This course aims to develop knowledge and understanding of the subject by studying:

**Life processes** - Explore the diverse ways in which animals and plants carry out the life processes.

**Ecology** - Explore ecological distribution patterns and explain possible causes for these patterns.

**Evolution** - Understand that DNA and the environment interact in gene expression.

**Ecology and evolution** - Explain how the interaction between ecological factors and natural selection leads to genetic changes within populations.

A maximum of 26 credits will be on offer, 14 internal and 12 external assessments. Students will also be expected to purchase a workbook – **cost being \$25.00**.

## Biology Year 13

The course includes a mixture of practical, written and research. Students will be expected to take and keep their own set of notes, contribute to classroom discussions and present work and research to the class.

The internals require students to research, read current scientific theories and scientific journals and to reach their own informed opinion on contemporary techniques in biotechnology and current socio-scientific issues. Students will also have a whole day field trip to gather their own data to find a relationship or pattern in a community.

The external exams will cover plant and animal behaviours and responses to the environment, speciation and evolution, and human evolution.

The course will offer up to 26 credits, 13 internal and 13 external. Students will be expected to purchase a course manual at a cost of **\$25.00**.

There is likely to be a Field Trip for the purpose of the practical internal assessments and this will cost approximately **\$140**.

Students who have not taken Biology at Level 2 should speak to the HoD before choosing this subject.

### **These courses lead to the Vocational Pathways involved with Primary industries and Community Service Industries**

## Chemistry Year 12

Students are expected to have a good grounding in Level 1 Mathematics, plus the purchase of a Beginning Chemistry workbook and CD (**at a cost of \$38**), and the use of a scientific calculator.

This course aims to develop knowledge and understanding of the subject by studying:

**Properties and changes of matter** - Investigate and measure the chemical and physical properties of a range of groups of substances, for example, acids and bases, oxidants and reductants, and selected organic and inorganic compounds.

**The structure of matter** - Relate properties of matter to structure and bonding. Develop an understanding of and use the fundamental concepts of chemistry (for example, equilibrium and thermochemical principles) to interpret observations. A maximum of 24 credits will be on offer, 9 internal and 15 external assessments. Students who have not taken Chemistry at Level 2 should speak to the Head of Science before choosing this subject.

## Chemistry Year 13

Students are expected to have a good grounding in Level 1 Mathematics, plus the purchase of a Continuing Chemistry workbook and CD (**at a cost of \$38**) and the use of a scientific calculator.

This course aims to develop knowledge and understanding of the subject by studying:

**Properties and changes of matter** - Investigate and measure the chemical and physical properties of a range of groups of substances, for example, acids and bases, oxidants and reductants, and selected organic and inorganic compounds.

**The structure of matter** - Relate properties of matter to structure and bonding. Develop an understanding of and use the fundamental concepts of chemistry (for example, equilibrium and thermochemical principles) to interpret observations.

A maximum of 24 credits will be on offer, 9 internal and 15 external assessments. Students who have not taken Chemistry at Level 2 should speak to the Head of Science before choosing this subject.

**Chemistry leads very strongly to ALL the Vocational Pathways except for the Service industry.**

## **Physics Year 12**

Students are expected to have a good grounding in Level 1 Mathematics, purchase a Level 2 Physics workbook, costing **\$24**, plus have the use of a scientific calculator. Physics is heavily dependent on Mathematical ability. Students in doubt of their Mathematical ability should speak to the HoD before choosing this subject. This course aims to develop knowledge and understanding of the subject by studying:

**Physical inquiry and physics concepts** - Investigate physical phenomena (in the areas of mechanics, electricity, electromagnetism, light and waves, and atomic and nuclear physics) and produce qualitative and quantitative explanations for a variety of unfamiliar situations. Analyse data to deduce complex trends and relationships in physical phenomena.

A maximum of 26 credits will be on offer, 10 internal and 16 external assessments.

## **Physics Year 13**

In this course, you will cover mechanical systems, electrical systems and waves for external assessment. Students will also complete an individual investigation plus have the opportunity to complete research assignments in nuclear physics, renewable energy and Physics encountered in their everyday life.

The course builds on the material covered in Level 2 with some new topics introduced. The key objectives are to extend your laboratory practical, reporting and inference skills.

This course will offer up to 29 credits, 13 internal and 16 external. Students will be expected to purchase a course manual at a cost of **\$24**.

**Physics leads very strongly to ALL the Vocational Pathways except for the Service industry.**

**It is not recommended that students who have not taken Physics at Level 2 select this course.**

## **Aquaculture Year 11**

This course leads to: accumulation of possible credits towards NCEA plus the Level 3 National Certificate in Seafood (Aquaculture). A core focus of the Year 11 course is the farming of NZ Greenshell Mussels. Qualifications in diving (PADI open water), boating (Day Skipper) and First Aid will also be offered. Students will also be expected to develop competency in carrying out an Aquaculture project.

There is a cost of approximately \$30.00 for a medical prior to dive. All credits offered on this course are internally assessed.

There is also a \$50.00 refundable deposit for the dive certificate.

## **Aquaculture Year 12**

This course leads to accumulation of possible credits towards NCEA Level 2 and 3 plus the Level 3 National Certificate in Aquaculture. Further qualifications in diving (PADI advanced), boating (VHF Radio operator) **may** also be offered, subject to students being successful in the course.

Students will study kina, finfish and salmon farming as well as oyster farming. Students will carry out a scientific investigation and demonstrate the use of technology for a scientific process.

The maximum of 38 credits will be offered, 30 as Unit Standards and 8 as Achievement Standards.

The cost of the dive medical plus drug test will be approximately **\$30.00**. There is also a \$50.00 refundable deposit for the dive certificate.

## **Aquaculture Year 13**

This course leads to the accumulation of possible credits towards NCEA Level 3 plus the Level 3 National Certificate in Seafood (Aquaculture). A core focus of the Year 13 course will be on water quality monitoring and the environmental factors around marine farming. Further qualifications in diving (PADI specialties) and boating (Boatmaster) **may** be offered, **subject to students being successful in the course**. Students will also be expected to carry out an Aquaculture investigation project and research a socio-scientific controversy. Students may get the opportunity to study crayfish and possibly paua. There will be an option to sit an external Achievement Standard for capable students.

These courses offer predominantly Unit Standards, but up to 42 credits are available.

The cost of the medical and drug tests, if diving qualifications are offered and taken, will be approximately \$30.00.

There is also a \$50.00 refundable deposit for the dive certificate.

## **Geography – Level 1**

Geography is about people and the environment, and how the two affect each other. It brings together a whole range of other subjects (including geology, biology, economics, sociology, urban studies and technology) and helps us make sense of what is happening in the world. In Geography you will learn both inside and outside of the classroom.

A total of 25 achievement standard credits are available (13 internally assessed credits and 12 externally assessed credits)

Level 1 **Numeracy credits** available: 8 credits

Level 1 **Literacy credits** available: 21 credits

During the course you will:

- Build an understanding about extreme natural events such as **volcanic eruptions** and explore how they affect the natural environment and people.
- Research **traffic movements** in Picton.
- Explore the issue of **drought** in Marlborough, examine viewpoints belonging to that issue and evaluate possible solutions.
- Examine a global issue such as **megacities**. You will explore the pattern of this issue, its causes and significance for people.
- Learn about **tourism in the Marlborough Sounds** and examine how sustainable it is.
- Learn how to read and draw a range of **maps and graphs**. **Use maps and technology** such as a GPS to navigate in a variety of landscapes.

You will need a device with a proper keyboard on which to type.

You will need a 2B8 hardcover exercise book, calculator, ruler and coloured pencils.

The three field trips will cost approximately \$55.00 (in total)

A L1 Geography Skills Book is required – approximately \$22.00

## Geography - Level 2

You can do Level 2 Geography without having done Level 1 Geography. Geography is about people and the environment, and how the two affect each other. It brings together a whole range of other subjects (including geology, biology, economics, sociology, urban studies and technology) and helps us make sense of what is happening in the world. In Geography you will learn both inside and outside of the classroom.

A total of 26 achievement standard credits are available (14 internally assessed credits and 12 externally assessed credits).

**UE Reading** credits: 8 credits

**UE Writing** credits: 8 credits

There are no Vocational Pathways linked to this course.

During the course you will:

- Examine how the **Marlborough Sounds natural landscape** is made up, how it was formed, and how it has changed over time by people.
- Explore the issue of **oil exploration in New Zealand**, people's different viewpoints about it, and possible courses of action that can be taken in the future.
- Examine **the rich and the poor in Brazil**.
- Explore how aspects of an urban settlement such as **Wellington**, has been formed, how it functions and changes over time.
- Examine the global issue of **HIV Aids**, describe its pattern, and discuss its causes and significance for people.
- Learn how to read, use and draw a range of **maps and graphs**. Also you will learn a range of **basic statistical measures and indicators**.

You will need a device with a proper keyboard on which to type.

You will need a 2B8 hardcover exercise book, calculator, ruler and coloured pencils.

The Geography fieldtrip to Wellington Camp will cost approximately \$250.

A L2 Geography Skills Book is required – approximately \$22.00

If you have not done Level 1 Geography, you will also need to purchase the L1 Geography Skills Book – approximately \$22.00

## Geography - Level 3

You can do Level 3 Geography without having done Levels 1 and 2. Geography is about people and the environment, and how the two affect each other. It brings together a whole range of other subjects (including geology, biology, economics, sociology, urban studies and technology) and helps us make sense of what is happening in the world.

At Level 3 you will deepen your understanding of interacting processes that shape our natural and cultural environments, and their resulting spatial and temporal patterns. You will also add to your understanding of the way peoples' diverse values and perceptions influence the environment.

A total of 23 credits are available (11 internally assessed credits and 12 externally assessed credits).

**UE Reading** credits: 15 credits

**UE Writing** credits: 12 credits

There are no Vocational Pathways linked to this course.

During the course you will:

- Investigate how **coastal processes** interact to create, maintain and change **Cloudy Bay**. This will involve two field trips.
- Investigate how **tourism development in Oahu (Hawaii)** operates, changes over time, and impacts on people and the environment.
- Research **tourism development in Golden Bay**. This will involve a four-day Geography Camp in Golden Bay.
- Analyse a **contemporary geographic issue of your choice**, its impact on people and environment, various viewpoints and perspectives associated with it, and potential courses of action for the future.
- Analyse the Forrest GrapeRide and the **planning processes** involved in the event.
- Analyse a **global geographic issue of your choice**, its patterns over time and space, its causes, and evaluate the significance it has for people.
- Learn how to read, use and draw a range of **maps and graphs**. Also you will learn a range of **basic statistical measures and indicators**.

You will need a device with a proper keyboard on which to type.

You will need an A4 ringbinder, 2B8 hardcover exercise book, a 30-sleeve clear file refill, calculator, ruler and coloured pencils.

The 2 field trips to Cloudy Bay will cost approximately \$20.00 (in total).

The Geography Camp to Golden Bay will cost approximately \$450.

A L3 Geography Skills Book is required – approximately \$22.00

If you have not done Level 1/2 Geography, you will also need to purchase the L1/L2 Geography Skills Book– approximately \$22.00

## Education for Sustainability – Level 2

This is a practical, hands-on course that is about looking after and restoring our natural environment.

Education for Sustainability will involve much of the class time out in the natural environment, working on one or more key projects (e.g. the revegetation of Victoria Domain and the Snout). Some of these projects will involve working in key roles as a team member. Assessment evidence will include videos, blogs, and traditional answer booklet/report formats.

You will develop an individual learning programme in consultation with your teacher, working with a number of outside providers, which will involve choosing a number of (but not all) the following standards:

AS90810 Undertake a personal action, with reflection, that contributes to a sustainable future (6cr, internal)

AS90811 Explain how human activity in a biophysical environment has consequences for the future (4cr, internal)

AS90813 Demonstrate understanding of how different personal values have implications for a sustainable future (3cr, internal)

AS91734 Develop a collaborative response that promotes a sustainable future, in relation to a current issue (4cr, internal)

US6917 Demonstrate basic chainsaw operation (8cr, internal)

US29338 Prepare and use traps to control rural pest animals (6cr, internal) [Level 3]\*

US29337 Prepare and use toxins to control rural pest animals (6cr, internal) [Level 3]\*

US3266 Control pests by shotting in the urban pest management industry (5cr, internal) [Level 3] \*

*Note: \* or similar*

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There are two external assessments available at Level 3. Students who wish to pursue the external assessments would do so in consultation with the teacher. All study and preparation for the external assessments would be independent and self-driven on behalf of the student, using the teacher as a mentor and guide.

You will develop an individual learning programme in consultation with your teacher, working with a number of outside providers, which will involve choosing a number of (but not all) the following standards:

AS90828 Evaluate a personal action that contributes towards a sustainable future (6cr, internal) [Level 3]

AS91735 Evaluate measures that may be taken to sustain and/or improve a biophysical environment (4cr, internal) [Level 3]

AS90832 Develop a strategy for an organisation that will contribute to a sustainable future (5cr, internal) [Level 3]

US29338 Prepare and use traps to control rural pest animals (6cr, internal) [Level 3]\*

US29337 Prepare and use toxins to control rural pest animals (6cr, internal) [Level 3]\*

US3266 Control pests by shooting in the urban pest management industry (5cr, internal) [Level 3] \*

*Note: \* or similar*

## **Business Studies**

The study of business is about how individuals and groups of people organise, plan, and act to create and develop goods and services to satisfy customers.

Business is influenced by and impacts on the cultural, ethical, environmental, political, and economic conditions of the day. Issues such as sustainability, citizenship, enterprise, and globalisation are central to both business and the study of business.

The knowledge and skills gained in business studies, and exposure to enterprise culture, can help shape “creative, energetic, and enterprising” young people who will contribute to New Zealand’s economic future.

In business studies, students develop their understanding of business theory and practices in a range of relevant contexts, through experiential as well as theoretical approaches to learning.

### **Business Studies Level 1**

#### ***Entry Requirements: None.***

**Future Pathways:** The Business Studies course creates a strong base of knowledge for Level 2 and 3 Business Studies. Students will also find that they will develop a range of useful skills that will be applicable to range of career choices. This includes problem solving, analysing information and most importantly evaluating choices and making educated decisions.

**Course description:** The Level 1 Business Studies course builds on the Social Studies Yr10 unit “Business Enterprise and Innovation”. The course covers carrying and out reviewing a business activity; understanding human resources processes in a business; applying the marketing mix to new and/or existing products; and developing a deeper understanding of innovation and entrepreneurship.

**Course costs:** Approximately \$35.00 will be needed to cover the costs of a study guide with access to an accompanying website. Students will also cover travel costs for a field trip that supports one or more of the achievement standards.

- **NCEA Level 1 Numeracy:** None
- **NCEA Level 1 Literacy:** 12 credits for literacy may be gained from standards completed in this course.
- **Course Endorsement:** Not available

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The knowledge and skills gained in business studies, and exposure to enterprise culture, can help shape “creative, energetic, and enterprising” young people who will contribute to New Zealand’s economic future.

In business studies, students develop their understanding of business theory and practices in a range of relevant contexts, through experiential as well as theoretical approaches to learning.

### **Business Studies Level 2**

**Entry Requirements:** None, but knowledge of Level 1 Economics is an advantage.

**Future Pathways:** Students learn valuable skills that can be applied to situation where a student would be involved in a business venture.

Careers pathways include commerce, tourism, accounting, economics, management, finance and so much more!

**Course description:** The Level 2 Business Studies course focuses the following five main themes:

- Business Formation
- Functions of a Business
- People in Business
- Business Management
- Business Environment

This course designed as introductory course that will focus on the five main themes as well as allowing the students to run their own business by allowing them to choose a good or service, develop it, market it, produce it and sell it. The students will form a company and work together to bring their good or service to market while learning essential skills in a practical way. This course takes theory and allows students to explore how theory works in real situations.

Course costs: Approximately \$45 to cover the registration fee for the YES Scheme and study guides. There will be additional costs involved in this course throughout the year as the students need to raise funds for their business venture which will incur expenses (and hopefully profits).

- **UE – Reading:** All of the standards offered in Level 2 Business Studies can be used for UE Reading
- **UE – Writing:** One standard is linked to UE writing. 3 Credits
- **Course Endorsement:** Available
- There are no **vocational pathways** linked to this course

### Commerce Level 3

A combined course offering a mixture of achievement standards for Business Studies and Economics will be offered at Level 3.

The study of business is about how individuals and groups of people organise, plan, and act to create and develop goods and services to satisfy customers.

Economics explores issues of:

- Sustainability (efficient use of scarce resources)
- Enterprise (identifying profit-maximising levels of output)
- Citizenship (economic decisions affecting New Zealand society)
- Globalisation (the benefits of international trade).

Course costs: Approximately \$45 to cover the registration fee for the YES Scheme and study guides. There will be additional costs involved in this course throughout the year as the students need to raise funds for their business venture which will incur expenses (and hopefully profits).

- **UE – Reading:** All of the standards offered in Level 2 Business Studies can be used for UE Reading
- **UE – Writing:** None
- **Course Endorsement:** Available
- There are no **vocational pathways** linked to this course

## History Year 11

The study of History of NCEA Level 1 leads to further study of History/Classical Studies at NCEA Levels 2 and 3. Students who achieve in the subject often go on to study Law, Commerce, Accounting, Psychology and History at University.

History provides students with a vast range of skills that enhance success out in the workforce and in further academic studies. These skills include;

- The development of their Transactional Writing Skills, this is the major medium of communication at tertiary institutions and its development is crucial for success at university.
- The development of sound research techniques.
- The development of routines conducive to success. History is a rigorous subject and students who achieve in this subject develop time management skills and the ability to persist through adversity.

Students will study the following topics

- NZ in WWI / Gallipoli
- Origins of WWII
- Medicine Through the Ages
- The Holocaust

Field trip to the Holocaust Museum in Wellington approx. \$100

History Skills for NCEA Level 1 workbook \$23.95

A total of 24 credits will be available. These include 12 internally assessed and 12 externally assessed.

- **NCEA Level 1 Numeracy:** None
- **NCEA Level 1 Literacy:** All of the standards offered in Level 1 History can be used for Level 1 Literacy
- **Course Endorsement:** Available

## History - Year 12

The study of History at NCEA Level 2 leads to further study of History/Classical Studies at NCEA Level 3. Students who achieve in the subject often go on to study Law, Commerce, Accounting, Psychology and History at University.

History provides students with a vast range of skills that enhance success both in the workforce and in further academic studies. These skills include:

- The development of their Transactional Writing Skills, this is the major medium of communication at tertiary institutions and its development is crucial for success at university.
- The development of sound research techniques.
- The development of routines conducive to success. History is a rigorous subject and students who achieve in this subject develop time management skills and the ability to persist through adversity.

Students will study the following topics;

- Origins of World War I
- New Zealand's search for security
  - Rainbow Warrior
  - Springbok Tour
- Rwandan Genocide

Field trip to the Omaka Aviation Museum approx. \$10

Students could opt to purchase a revision book but this is voluntary.

A total of 28 credits will be offered. These include 14 internally assessed and 14 externally assessed credits.

- **NCEA Level 1 Numeracy:** None
- **NCEA Level 1 Literacy:** All of the standards offered in Level 2 History can be used for Level 1 Literacy
- **UE – Reading:** All of the standards offered in Level 2 History can be used for UE Reading
- **UE – Writing:** All of the external standards offered in Level 2 History can be used for UE Writing
- There are no **vocational pathways** linked to this course
- **Course Endorsement:** Available

## History - Year 13

Students who achieve in this subject often go on to study Law, Commerce, Accounting, Psychology and History at University. The subject provides a broad range of skills applicable to a range of professionals.

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- The development of their Transactional Writing Skills, this is the major medium of communication at tertiary institutions and its development is crucial for success at university.
- The development of sound research techniques.
- The development of routines conducive to success. History is a rigorous subject and students who achieve in this subject develop time management skills and the ability to persist through adversity.

Students will study the following topics, although they are able to choose the topics for their own assessments based on personal preference and interest;

- To better the breed of men - Eugenics
- Warsaw Ghetto Uprising
- Parihaka

Scholarship in History will be offered for high performing students.

No course costs apply to the core parts of the course. Students could opt to purchase a revision book but this is voluntary.

A total of 31 credits will be offered. These include 15 internally assessed and 16 externally assessed credits.

- **NCEA Level 1 Numeracy:** None
- **NCEA Level 1 Literacy:** All of the standards offered in Level 3 History can be used for Level 1 Literacy
- **UE – Reading:** All of the standards offered in Level 3 History can be used for UE Reading
- **UE – Writing:** All of the external standards offered in Level 3 History can be used for UE Writing
- There are no **vocational pathways** linked to this course
- **Course Endorsement:** Available

## Classical Studies – Year 13

Students who achieve in this subject often go on to study Law, Commerce, Accounting, Psychology and History at University. The subject provides a broad range of skills applicable to a range of professionals.

History/Classical Studies provides students with a vast range of skills that enhance success both in the workforce and in further academic studies. These skills include;

- The development of their Transactional Writing Skills, this is the major medium of communication at tertiary institutions and its development is crucial for success at university.
- The development of sound research techniques.
- The development of routines conducive to success. Classical Studies is a rigorous subject and students who achieve in it develop time management skills and the ability to persist through adversity.

Students will study the following:

- Mythology
- Alexander the Great
- Virgil's Aeneid
- Greek Vase Painting

Scholarship in Classical Studies will be offered for high performing students.

No course costs apply to the core parts of the course. Students could opt to purchase a revision book but this is voluntary.

A total of 26 credits will be offered. These include 12 internally assessed and 14 externally assessed credits.

- **NCEA Level 1 Numeracy:** None
- **NCEA Level 1 Literacy:** All of the standards offered in Level 3 Classics can be used for Level 1 Literacy
- **UE – Reading:** All of the standards offered in Level 3 Classics can be used for UE Reading
- **UE – Writing:** All of the external standards offered in Level 3 Classics can be used for UE Writing
- There are no **vocational pathways** linked to this course
- **Course Endorsement:** Available

## **Tourism Level 2**

Tourism is a collection of services, industries and activities that delivers a travel experience for tourists, both international and domestic. This course provides a basic understanding of the Tourism Industry in New Zealand and in a worldwide context. You will develop an understanding of the actual business of tourism and be able to recognise and understand the needs and characteristics of a tourist. You will learn a little about the history of tourism and develop an understanding of the impact tourism has on the environment.

There may be the opportunity for some local field trips. Costs are approximately \$20.00 in total – other costs may occur depending on trip arrangements.

Tourism links to the Service Industries domain through Vocational Pathways.

Assessment is through internal Unit Standards. A selection of assessments will be made from the seven standards on offer with a total of 26 credits.

## **Tourism Level 3**

Tourism is a collection of services, industries and activities that delivers a travel experience for tourists, both international and domestic. This course develops your understanding of the tourism industry in New Zealand and in a worldwide context. You will develop your understanding of the business of tourism around the world, and be able to recognise and understand the needs and characteristics of a tourist. You may have the opportunity to investigate the cultural aspects of tourism in New Zealand.

There may be the opportunity for some local field trips. Costs are approximately \$20.00 in total – other costs may occur depending on trip arrangements.

Assessment is through internal Unit Standards. A selection of assessments will be made from the seven standards on offer with a total of 24 credits.

## Economics

Economics helps to explain and predict how goods and services will be produced and consumed. It will tell you who gets what, how, and why.

Economics explores issues of:

- Sustainability (efficient use of scarce resources)
- Enterprise (identifying profit-maximising levels of output)
- Citizenship (economic decisions affecting New Zealand society)
- Globalisation (the benefits of international trade).

Economists are interested in the factors that influence the well being of people and aim to find solutions to improve people's standard of living.

### Level 1 Economics

**Entry Requirements: None.**

**Future Pathways:** The Economics course creates a strong base of knowledge for Level 2 Business Studies and Level 3 Economics. Students will also find that they will develop a range of useful skills that will be applicable to range of career choices. This includes problem solving, analysing information and most importantly evaluating choices and making educated decisions.

**Course description:** The Level 1 Economics course is designed as an introductory course that allows students with no previous knowledge of Economics to learn about this new subject. The course covers consumers and how they make decisions, producers and what affects their decisions, as well as how the market affects both consumers and producers and what role the government plays in the market. Students will develop essential skills such as graphing, using diagrams and linking ideas together in writing.

**Course costs:** Approximately \$35.00 will be needed to cover the costs of a study guide with access to an accompanying website. Students will also cover travel costs for a field trip that supports AS90984.

- **NCEA Level 1 Numeracy:** None
- **NCEA Level 1 Literacy:** All of the standards offered in Level 1 Economics can be used for Level 1 Literacy
- **Course Endorsement:** Available

## Arts – Nga Toi

### Visual Art – Year 11

In their Art studies at Year 11, students will complete a portfolio of work for external assessment. Ideas and techniques will be developed and refined throughout the year, supported by the study of established artist models. While the major focus is painting, the opportunity to experiment with multiple media will be provided, including pencil, charcoal, ink and collage.

This course will cost approximately \$45.00.

University Entrance Approved Subject. Assessment is for a minimum of 16 Achievement standard credits at NCEA Level 1.

**Careers:** Advertising, Illustration, Animation, Art Historian, Teacher or Curator, Architecture, Design (including interior, landscape, industrial, textile, graphic design and fashion), and any other area requiring a creative mind.

### Visual Art Year 12

Students will complete courses of study in more than one Visual Arts strand in preparation for Visual Arts specialisation in Year 13. Specific visual aspects of graphic design, and painting OR photography will be taught. Students will develop both practical art skills and thinking skills in the creation of original work, supported by the study of established art and design models. This is largely a practical course.

This course will cost approximately \$45.00.

Students will require access to their own digital camera if they choose the photography component. Students will require their own USB for the storage of digital work.

University Entrance Approved Subject. Assessment is for a minimum of 20 Achievement Standard credits at NCEA Level 2.

**Careers:** Graphic Design, Web Design, Advertising, Photography, Architecture, Design (interior, landscape, industrial, textile, graphic and fashion), teaching and any other area requiring a creative mind.

### Year 13 Art Design

Students will gain an understanding of the procedures and practices that underlie the making of graphic design pieces, including a logo, magazine spreads, posters and website for a client of the student's creation. Students will learn how to use Adobe Photoshop to develop their design skills and create their own design pieces. A folio presented for external assessment shows the clarification of the design solutions created. This is largely a practical course.

This course will cost approximately \$45.00.

A personal laptop would be a useful tool for this course and we would encourage students to invest in one. The programs used are Adobe Photoshop and Adobe Illustrator although other open source programs are available online.

University Entrance Approved Subject. Assessment is for 22 credits (8 internal, 14 external) at NCEA Level 3.

**Careers:** Graphic Design, Web Design, Advertising, Photography, Architecture, Design (interior, landscape, industrial, textile, graphic and fashion), Teaching, and any other area requiring a creative mind.

### **Year 13 Painting**

Students specialising in Painting at Year 13 can expect to pursue an individual program, developing an original body of practical work. Students can choose both subject matter and appropriate methods or techniques that interest them. Students are required to look at a range of art works, including contemporary practice that can challenge and influence their own art-making. An externally assessed portfolio showing the sequential development of work is submitted for assessment.

This course will cost approximately \$45.00.

University Entrance Approved Subject. Assessment is for 18 credits (4 internal, 14 external) at NCEA Level 3.

**Careers:** Advertising, Illustration, Animation, Art Historian, Teacher or Curator, Architecture, Design (including interior, landscape, industrial, textile, graphic design and fashion), and any other area requiring a creative mind.

### **Year 13 Photography**

This course deals with a range of photographic practice. Students will learn how to confidently use cameras and on the computer, Adobe Photoshop and Lightroom to create photographs. The course develops an understanding of procedures and practices that underlie the making of photographic images and the evaluation of photographs, as a method for the communication of ideas. A folio of photographs will be created showing an exploration of a student chosen subject and idea using photography. This is largely a practical course.

This course will cost approximately \$45.00.

Students need to have access to a Digital SLR camera.

University Entrance Approved Subject. Assessment is for 22 credits (8 internal, 14 external) at NCEA Level 3.

**Careers:** Photography, Photo-journalism, Art direction, Film production or direction, Architecture, Advertising, Design (interior, landscape, industrial, textile, graphic and fashion) and any other area requiring a creative mind.

## Languages – Ngā Reo

As with other languages, the New Zealand Curriculum (NZC) structures Te Reo Māori learning into three strands. The student's ability to communicate is at the centre as the core strand, supported by developing linguistic and cultural knowledge. Communication is about using the language to make meaning. As their linguistic and cultural knowledge increases, the student becomes a better communicator, by developing listening, reading, speaking and writing skills.

Linguistic knowledge includes words, structures, text types and improving accuracy. As you learn a language you learn about the belief systems of speakers of the language and how these are expressed through language and cultural practices. Cultural knowledge leads students to a growth in understanding of both themselves and others.

### **Te Reo Māori Year 11**

At this Level, students are aiming to understand and construct simple texts. They can describe aspects of their own background and their immediate environment.

Students can demonstrate their learning through giving short speeches, through listening to spoken Māori, answering questions and summarising, as well as creating written pieces in Māori. These three different skills are assessed as three separate Achievement Standards. While three internally assessed Standards are offered, students may choose to focus on just two, as well as external Standards.

There are two externally assessed Standards, sat at the year end: A writing exam and a reading exam. There will be school exams to give them practice for these externals.

Achieving all five standards will give them a total of 30 credits.

The internal standards offered in this course are linked to these Vocational Pathways: Social and Community Services, Primary Industries, Service Industries.

## **Te Reo Māori Year 12**

At NCEA Level 2 students understand and produce more complex language. They can communicate beyond the immediate context, for example about past and future events. They are learning to understand and produce a variety of text types. Students are expected to be able to communicate information, ideas and opinions in Māori, and use the appropriate language in different situations.

At NCEA Level 2 students can demonstrate their learning through giving short speeches, through listening to spoken Māori, answering questions and summarising what they heard, as well as creating written pieces in Māori. These three different skills are assessed as three separate Achievement Standards. While three internally assessed Standards are offered, students may choose to focus on just two, as well as external Standards.

There are two externally assessed Standards, sat at the year end: A writing exam and a reading exam. There will be school exams to give them practice for these externals.

Achievement of all five standards will total 28 credits.

The internal standards offered in this course are linked to these Vocational Pathways: Social and Community Services, Primary Industries, Service Industries.

## **Te Reo Māori Year 13**

At NCEA Level 3 in language learning, students can use a wide range of vocabulary and sentence structures to express their thoughts and opinions accurately, as well as to challenge or support those of others. They are able to take part in general conversations with speakers of te reo Māori, understand most of what is said and contribute relevant comments. They can use a range of strategies to help them learn Māori effectively and are showing some fluency in the language.

As in the previous year levels, there are offered three internal achievement standards, with assessment tasks in whakarongo (listening), kōrero (speaking), and waihanga tuhinga (writing). There are also, both an external written (tuhituhi) and an external reading (pānui) exam. These five achievement standards will total 28 credits.

## Technology – Hoa Hoa Hangarau

### **Digital Technologies:**

#### **Introduction:**

This course of learning covers the five strands of Electronics, Programming and Computer Science, Digital Media and Digital Infrastructure. Digital Society is also covered within the context of the learning outcomes. Two pathways within this course are offered: vocational and academic.

### **Digital Technologies – Year 11**

#### **Entry Requirements:**

It is preferable that you have completed a Year 10 Course of Learning, however, it is at the discretion of the HoD Technology for course entry.

#### **Aim:**

Students will be able to explore the impact of digital technologies on society. In doing this they will be looking at the past, present, and explore the impact of emerging technologies on society.

#### **Course Description:**

- Develop basic computer programming skills
- Apply digital tools and concepts for the management and presentation of information
- Explore communication through the use of digital media
- Apply basic design principles and understand the components of computers, electronic systems and network

#### **Features:**

This course of learning covers the ethical and appropriate use of Digital Technologies and the impact on society. Using the technological process the course explores a digital outcome that communicates effective use of digital application programs to a finished product for the end user. Course endorsement is available. For those who wish to follow vocational pathways unit standards for business correspondence, presentations, and data management are offered.

#### **Careers:**

Electronic Engineers, Commerce, Marketing, Graphic Design, Digital Telecommunications & Multimedia, Database Administration, Website Development, Systems Administration, working with Geographic Information Systems (GIS), Designing Computer Systems & Networks, developing computer games & digital effects for films, fixing software & hardware problems for people/organisations, Information Architect, eBusiness & eMarketing, Radiologic Technologist, 3 & 4D Modelling.

#### **Cost:**

Students should supply their own earphones and an usb flash drive for storing their work.

## **Digital Technologies – Year 12**

### **Entry Requirements:**

At least 12 credits at Level 1 DIT and/or HoD Technology discretion.

### **Aim:**

The aim of this course of learning will be to discuss the interaction between Digital Technologies within local and global settings. It is expected that the students will produce solutions, which effectively communicate through one or more digital application tools.

### **Course Description:**

- Use planning to manage and digital a project.
- Understand and apply ethical practice and relevant codes of practice to outcome/s.
- Use prototype and modeling to effectively show a concept or function of system.

### **Features:**

This course builds on the year 11 content and explores in greater depth the application of digital tools for the management and presentation of information. It investigates local and global settings and the communication between Digital Technologies. A personal digital portfolio will be developed which effectively communicates the use of digital tools in the specific strands. Course endorsement is available.

### **Careers:**

Electronic Engineers, Commerce, Marketing, Graphic Design, Digital Telecommunications & Multimedia, Database Administration, Website Development, Systems Administration, working with Geographic Information Systems (GIS), Designing Computer Systems & Networks, developing computer games & digital effects for films, fixing software & hardware problems for people/organisations, Information Architect, eBusiness & eMarketing, Radiologic Technologist, 3 & 4D Modelling.

**Cost:** There is a Level 2 Digital Technologies Workbook, and an A4 Visual Diary. Students should also supply their own earphones and usb flashdrive.

## **Digital Technologies – Year 13**

### **Entry Requirements:**

12 credits at Level 2 DIT and/or HoD Technology discretion.

### **Aim:**

Building on the year 12 course you will develop and evaluate digital solutions within an organisation. Communicating effectively by combining elements of design from digital tools and applying relevant codes of practice, you will provide an outcome/s for an organisation or stakeholders.

### **Course Description:**

- Advanced programming and web application.
- Efficient and advanced use of data, text, and media in effective and enterprising ways.
- Identify and manage problems and solutions.
- Combine design elements from digital tools and apply relevant codes of practice to communicate effectively.
- Creating physical or digital prototype solutions and evaluating them.

### **Features:**

This course builds on the Year 12 content. Combining all the elements of Digital Technologies, working with a client, and following the technological process. A portfolio will be developed providing a real world outcome. Course endorsement and Technology Scholarship is available at this Level of study. For those who wish to follow vocational pathways unit standards for business correspondence, presentations, and data management are offered.

### **Careers:**

Electronic Engineers, Commerce, Marketing, Graphic Design, Digital Telecommunications & Multimedia, Database Administration, Website Development, Systems Administration, working with Geographic Information Systems (GIS), Designing Computer Systems & Networks, developing computer games & digital effects for films, fixing software & hardware problems for people/organisations, Information Architect, eBusiness & eMarketing, Radiologic Technologist, 3 & 4D Modelling.

**Cost:** Students should supply their own earphones and an usb flash drive for storing their work.

## Hospitality – Year 11

### Aim:

Hospitality at Year 11 is designed to give the students skills to work in the Hospitality Industry as well as the ability to make informed decisions about food and the choices that will contribute to their own and others wellbeing. Students will learn about keeping food safe when preparing, serving and storing food.

### Course Description:

Hospitality Service Industry Unit Standards on: meat, vegetables, fruit, cheese and eggs will be studied. At the end of this course the students will have the practical skills and confidence to prepare many nutritious dishes for a family. A number of chosen students will be enrolled in the Gateway Programme and will be placed in workplaces within the Hospitality Industry (if you are enrolled in the Gateway Programme the cost of your HSI workbook will be paid for).

**Costs:** Fees are \$60.00 and students will be required to have a clearfile folder. The \$60.00 includes the cost of HSI workbooks. Students will be required to bring some food for practical cooking.

Course endorsement is not applicable for this program of learning.

## Hospitality – Year 12

### Aim:

Hospitality at year 12 is aimed at providing students skills, which can be transferred to the Hospitality Industry especially in the local Marlborough cafés and restaurants.

The hospitality student will study the following during the year;

- Knife handling skills
- The art of coffee
- Grilling
- Salad making
- Perserving
- Food presentation
- Sandwich making

### Features:

Chosen students will be enrolled in the Gateway Programme and will be placed in workplaces within the Hospitality Industry (if you are enrolled in the Gateway Programme the cost of your HSI workbook will be paid for).

**Cost:** Fees are \$60.00 and this includes a HSI workbook.

Course endorsement is not applicable for this program of learning.

## **Hospitality – Year 13**

### **Aim:**

Hospitality at Year 13 is aimed at providing students with the skills, which can be used in the Hospitality Industry especially in local Marlborough restaurants and cafés. Chosen students are also given the opportunity of gaining a place on the Gateway Programme.

### **Features:**

Food preparation and catering for the school Functions Restaurant will also be a part of this course. Students will study food safety, catering, how to present food creatively as well as cookery terms and their meanings. A Level 3 coffee study will also be available.

**Cost:** This cost of this course is \$60.00. This includes a Hospitality Service Industry work book. NB: If you are selected to do the Gateway Programme within Hospitality this is paid for.

## **Construction & Building Materials**

### **Industrial Skills Wood - Year 11**

#### **Aim:**

This course is offered to students who are wishing to explore trade skills based around Joinery and Cabinetry. This qualification framework has National Certificate for Level 1. The qualification covers skills in workshop procedures, health and safety, materials knowledge, hand tools, power tools and operating fixed machinery.

#### **Course Description:**

The Unit Standards on offer are all under the NCEA framework. Students undertaking this course will need to adhere to health and safety procedures throughout each practical lesson.

A sum of \$60.00 is required for each student taking this practical based course. This amount will cover the materials and basic components to achieve a high standard product. Students will be required to pay extra themselves if they wish to have items such as locking systems, fancy handles, custom paint and anything that would be considered extra to the units they are producing. Successful completion of the course will result in the award of the National Certificate in Building Construction and Allied Trade Skills Level 1.

A total of over 30 credits will be available for this course and course endorsement is not applicable for this program of learning.

## **Construction & Building Materials**

### **Building – Year 12**

It is advised that the students entering this course as successfully gained the National Certificate Level 1, or has prior knowledge in practical applications, or shows a mature and willing interest to learn building construction skills. The focus for this programme will include quality standards, workshop procedures, job specifications, health and safety, communication, hand tools, power tools and fixed machinery.

A sum of \$60.00 is required for each student taking this practical based course. This amount will cover the materials and basic components to achieve a high standard product. Students will be required to pay extra themselves if they wish to have items such as locking systems, fancy handles, custom paint and anything that would be considered extra to the units they are producing.

Successful completion of the course will result in the award of the National Certificate in Building Construction Level 2 and Allied Trade Skills.

A total of over 30 credits will be available for this course and course endorsement is not applicable for this program of learning.

## **Construction & Building Materials**

### **Pre-Trade Building – Year 13**

**Aim:** Queen Charlotte College has gained approval from the Ministry to run Level 3 standards for our students that is based on the Building Construction Trade. These Level Three Unit Standards offer compliment those students who are seeking an apprenticeship in the construction industry. The course provides on site type training and projects that would suit the related studies. Memorandum of Understanding including Health and Safety requirements and responsibilities play an important role when on site. Site safety plans must be adhered to at all times. Your work will involve assessment booklets, which compliment your practical trade work. This course is only intended for those students who have been successful in Year 12 and have gained skills and knowledge while working on a construction site.

A sum of \$60.00 is required for each student taking this practical based course. This amount will cover the materials and basic components to achieve a high standard product. Students will be required to pay extra themselves if they wish to have items such as locking systems, fancy handles, custom paint and anything that would be considered extra to the units they are producing.

A total of 20 credits will be available for this course and course endorsement is not applicable for this program of learning.

### **Engineering – Year 11**

**Aim:** The objective of this course is to learn about basic workshop skills and develop an understanding of the correct use and care of a range of basic workshop tools and equipment. Students will also learn about the design process and how Engineering relationship works with design, in determining how products are made and the way in which they are made.

#### **Course Description:**

Students will take part in both theory and practical aspects of Engineering including:

- Health and Safety in the workshop environment
- Developing simple products using Engineering materials
- Simple measuring devices

Course endorsement is not applicable for this program of learning.

## **Construction & Mechanical Technology**

### **Engineering – Year 12**

**Aim:** The objective of this course is to develop greater understanding of basic workshop skills and the correct use and care of a range of workshop tools and equipment. Students will also learn about technical drawing techniques and how engineering relationship works with design in determining how products are made and the way in which they are made.

#### **Course Description:**

Students will take part in both theory and practical aspects of Engineering including;

- Health and Safety in the workshop environment
- Engineering drawing techniques
- How tools and equipment are selected and used in the workshop

Course endorsement is not applicable for this program of learning.

## Trades Courses – Akoranga mahi ā-rehe

### **Trades Academy**

Trades Academy offers students the opportunity to do practical, hands-on learning and get credits at the same time. Students will learn useful skills to help them go on to further study or get a job right out of school. Trades Academy is a good way to find out if you are suited to a particular industry or career path.

Trades Academy students spend one day a week based at the Nelson Marlborough Institute of Technology (NMIT) Blenheim campus, or in residential blocks at Whenua Iti Outdoors in Lower Moutere. Training is also located at the RNZAF Base Woodbourne. Transport to all training places is provided and there are no extra fees for Trades Academy students. It's all free.

Information about credits available is approximate only.

### **Adventure Tourism**

**Year 11 Option: Adventure Tourism Exploration**

**Year 12/13 Option: Adventure Tourism Leadership**

**Vocational Pathway – Service Industries**

Get outdoors, get active and have fun while you learn in the Trades Academy Adventure Tourism Leadership programme. This course provides the opportunity to experience high ropes, low ropes, mountain biking, caving, sea kayaking, rock climbing and camping. Challenging personal boundaries and training to work in difficult situations will also teach students valuable life skills.

Starts: February and June 2017 intakes  
Time: 4 x 1 week block courses.  
Location: Whenua Iti Outdoors

Credits available: Year 11 Option Adventure Tourism Exploration: 13  
Year 12 Option Adventure Tourism Leadership: 23

### **Automotive Engineering**

**Vocational Pathway – Manufacturing and Technology**

This course is for student interested in working on cars and problem solving. Students will get a real taste for the automotive industry and spend time getting their hands dirty in NMIT's automotive workshops, learning how cars and engines work and finding out about fault-finding and what automotive engineers do in their jobs.

A Year 2 Automotive Engineering course will run if enough students are interested in following on with their study from the Year 1 course.

Credits available: 18

## **Aviation Engineering Vocational Pathway – Manufacturing and Technology**

In the aviation course students learn about the principles of aircraft flight, construction and maintenance practices. Students will be introduced to aircraft engineering workshop requirements and basic assembly of aircraft structural components. This is the perfect training ground for people who learn by doing. This course is based in the NMIT Aeronautical Engineering workshop at Woodbourne Airbase.

Credits available: 20

## **Beauty Vocational Pathway – Service Industries**

Take the first step into the exciting world of the beauty industry. Students will work in a fully equipped training salon at NMIT and will learn about skin health, customer service and retail, professional products, tinting, eyebrow shaping, hand, foot and nail care. This is a good opportunity to learn about a future career that will enable you to travel the world while working in the beauty, body and spa industry.

Credits available: 24

## **Business Interactions Vocational Pathway – Service Industries**

This course gives students the opportunity to explore tourism administration. It provides professional industry training – learning about sales and customer service, presenting goods to customers as well as using planning and organisational skills and current technologies. The skills taught in this course apply to a wide variety of careers, particularly in administration and retail.

Credits available: 17

## **Civil Infrastructure Vocational Pathway – Construction and Infrastructure**

Civil infrastructure involves the design, maintenance and management of things such as roading, water supply and wastewater, railways, footpaths, bridges etc; the infrastructure that communities depend on every day.

This course provides an introduction to the civil infrastructure industry in a very practical way and students complete the NZ Certificate in Infrastructure Works Level 2. This gives students skills and knowledge to work safely onsite and with others, under direct supervision. Students also spend time working alongside employers, which could lead on to real job opportunities. This course takes place at Queen Charlotte College.

Credits available: 40

## **Hairdressing**

### **Vocational Pathway – Service Industries**

Students in the Hairdressing course will work in a fully equipped training salon at NMIT. They will learn to develop a range of elementary hairstyling skills, provide service and care to clients in a salon and understand how history and fashion trends influence hairstyling. This is a practical introduction to a career that can take many forms, including having your own business one day.

Credits available: 24

## **Manaaki Tāpoi Cultural Tourism**

### **Vocational Pathway – Service Industries**

Take a journey through the cultural history of Te Tau Ihu o Te Waka-a-Māui (the Top of the South). Learn from expert tutors and kaumātua, visit and stay on marae across the region and interact with Māori business leaders of the region.

This course is designed to be experiential and active. Students will learn the importance of strong connections to cultural heritage and the value these can bring to a wide range of career paths.

Manaaki Tāpoi Level 3 course will be available if enough students are interested in continuing on from their Level 2 course.

Starts: February and June 2017 intakes  
Time: 4 x 1 week block courses.  
Location: Whenua Iti Outdoors

Credits available: 20

## **Primary Industries**

### **Vocational Pathway – Primary Industries**

This course gives students a taste of Marlborough's main primary industries of agriculture, forestry, horticulture and viticulture. Learn how to ride quad bikes and use chainsaws safely. Go on lots of field trips to orchards, farms, commercial forests and vineyards to find out what makes this industry tick. This is a great place to start if you're after a hands-on job in the outdoors.

Credits available: 28

## **Uniformed Services**

### **Social and Community Services**

This is a new course for students who are interested in a career path in the uniformed services such as the Defence Force or Emergency Services. Students will experience a simulated search and rescue exercise, help rescue a marine vessel in trouble, find out what it is really like to be a Paramedic or a Firefighter, or explore the options available within the Army, Navy and Air Force. Learning is practical, active and engaging.

Starts: February and June 2017 intakes  
Time: 4 x 1 week block courses.  
Location: Whenua Iti Outdoors

Credits available: 20

### **Physical Education – Year 11**

This course leads to credits for NCEA Level 1, 2 and 3 Physical Education. Physical Education encourages students to engage in movement experiences that promote and support the development of physical and social skills. It fosters critical thinking and action that enables students to understand the role and significance of physical activity for individuals and society. Students will be encouraged to participate in physical activities and apply theory to understand their performance and that of others.

There is a major theory component focusing on Anatomy, Physiology, Biomechanics, Motor Learning and Social Factors affecting participation in physical activity. Students are required to participate in physical activities.

A course of 18 to 24 credits is available which are internally assessed.

### **Physical Education - Year 12**

Year 12 course leads to NCEA Level 2 & Level 3 Physical Education, Tertiary studies in Sports Management & Fitness.

This course encourages students to engage in movement experiences that promote and support the development of physical and social skills. It fosters critical thinking and action and enables students to understand the role and significance of physical activity for individuals and society.

Students will be encouraged to participate in physical activities and apply theory to understand their performance and also that of others.

There is a major theory component focusing on Anatomy, Physiology, Biomechanics, Motor Learning and Social Factors affecting participation in physical activity.

A course of 18 to 24 credits is available which are internally assessed.

This course offers standards linked to this/these Vocational Pathway(s): Service Industries, Social and Community Services and Creative Industries.

## **Physical Education – Year 13**

This course leads to credits for NCEA Level 3 and contributes to University Entrance requirements, Tertiary studies in Medical Sciences and Fitness and Sports Studies. Physical Education encourages students to engage in movement experiences that promote and support the development of physical and social skills. It fosters critical thinking and action and enables students to understand the role and significance of physical activity for individuals and society.

Students will be encouraged to participate in physical activities and apply theory to understand their performance and that of others.

There is a major component focusing on Anatomy, Physiology, Biomechanics, Motor Learning and Social Factors affecting participation in physical activity. Students are required to participate in physical activities.

The course offers between 18 and 24 credits, all of which are assessed internally. Scholarship is offered at this Level.

Each course offers standards linked to all Vocational Pathways but there are no industry specific credits on offer.