

# **OKAIHAU COLLEGE**

## **NCEA Level 2 Curriculum Handbook**

**2023**



## INTRODUCTION

This Senior Curriculum Handbook is intended to provide our students, parents and caregivers with a comprehensive overview of the Okaihau College Senior Curriculum.

We offer a range of subjects at Years 11, 12 and 13. These deliver the New Zealand Curriculum Framework (Te Anga Matauanga o Aotearoa) and prepare students for the National Certificate of Education Achievement (NCEA) at Level 1 (Year 11), Level 2 (Year 12) and Level 3 (Year 13). We also prepare students for qualifications in subject-based certificates.

Our aim in producing this Curriculum Handbook is to provide students, parents and caregivers with a complete and clear view of could be available to senior classes at Okaihau College.

It is important that students make good choices with regards to course selection; this book provides vital information to enable them to do this. It is possible to build a course of study at more than one level.

Choose carefully and think about the consequences of choosing subjects. Consider your interests, abilities and possible career pathways. Read the information about the National Qualifications Framework; this affects you.

Students will have the opportunity to discuss their option choices with either the Career's Advisor, Academic Counsellor or Deputy Principals.

We are proud of the quality and range of programmes offered at Okaihau College. It presents students with opportunities to fulfil their potential and acquire the knowledge, skills and ideas that will enable them to enjoy success and prepare them well for the future.

We welcome enquiries from students, parents, caregivers and prospective adult students.



Thomas Davison  
Principal

# THE NATIONAL QUALIFICATIONS FRAMEWORK

## The Qualifications Framework and the New Zealand Curriculum

### **The New Zealand Curriculum**

The New Zealand Curriculum covers the seven essential learning areas and the skills which should be part of a broad, balanced school education. The learning areas are; Languages, Mathematics, Sciences, Social Sciences, Technology, Health and Physical Education, and the Arts. Each learning area has eight levels, from Level 1 in Junior Primary classes to Level 8 at Senior Secondary level.

### **The Qualifications Framework**

The National Qualifications Framework also has eight levels with Level 1 at Year 11 through to Level 8 in post-graduate study at university. It has various qualifications for senior secondary level and beyond.

Level 1 is entry level for education and training, followed by Level 2 then Levels 3 and 4. The framework creates a 'seamless' education system that brings together secondary education, industry training and tertiary education beneath one umbrella.

### **What is a Standard?**

Standards are the building blocks of the Qualifications Framework.

- Standards describe what a student needs to know, do and understand at a certain level. They do not dictate what is taught or how a school delivers its courses.
- Every standard achieved is listed on a person's Record of Learning. Wherever students go and whatever they learn, they can keep adding to their Record of Learning throughout their lives.
- Two types of standards are available; Unit Standards and Achievement Standards.

### **Record of Learning**

Once a student meets the required level (in an Achievement Standard or Unit Standard), credits for the standard are added to his or her Record of Learning. This is stored in a national database at the New Zealand Qualifications Authority (NZQA). When the student has achieved the eighty credits needed for a National Certificate of Educational Achievement (NCEA), the title of the qualification will appear on the Record of Learning. The Record of Learning is unable to be used officially if the fee has not been paid.

Students' achievements in Achievement Standards or Unit Standards are added during the year; these are also noted on a student's academic file in Kamar (our Student Management System). This information is accessible to students and whanau via our on-line portal, accessed via the Okaihau College website.

## **Costs for Students**

As of April 2019, there is no cost for students to obtain NCEA Level 1, 2 or 3.

## **A Message to all Intending Students**

Courses listed in this booklet will operate only if there is enough student demand and available staffing. Students are advised to read course entry guidelines before making their choices.

## **Structure at Senior School**

- Year 11 Science, English, and Mathematics are compulsory unless you choose POD. Students then choose three other subjects.
- Year 12 Students choose six subjects. Students need to align their options choices with their interests, abilities, and possible future career choices.
- Year 13 No subjects are compulsory; students choose five subjects. They need to be taking the right subjects that will lead to the career option they desire.

## **Careers Education Programme**

Career information and guidance aims to assist students to develop the skills, attitude and knowledge for sound decision making about school and post-school options.

In support of the career education programme, career guidance is offered on a one-to-one basis, usually by self-referral. Career counselling is targeted at students when required or identified. There is a strong network between the Careers Adviser, Pou, Deans and Whanau Teachers.

The Careers Advisor, Academic Counsellor or Deputy Principals are always able to help. Appointments can be made for an interview at any stage during the year.

Parents, caregivers and people from the community are always very welcome to make an appointment for advice or assistance.

## NCEA – AN EXPLANATION

The National Certificate in Educational Achievement (NCEA) began in 2002 for students studying in Year 11. It allows us to offer subjects and courses that are appropriate for our students and relevant to pathways into work and tertiary study. Under NCEA, students are assessed through a combination of exams and internal assessment.

To summarise the main points:

- Most subjects will offer Achievement Standards which are units of work assessed either at the end of the unit or in an examination at the end of the year.
- The result for each Achievement Standard can be Not Achieved, Achieved, Achieved with Merit or Achieved with Excellence.
- Each Achievement Standard has several credits. When a student is credited with an Achievement Standard, this is added to their Record of Learning held on a database at the New Zealand Qualifications Authority. This Record of Learning will hold the results obtained throughout the students' lifetime.
- When a student has gained enough credits at a level, they can apply for an NCEA certificate:
  - NCEA Level 1\* = 80 credits at Level 1
  - NCEA Level 2\* = 60 credits at Level 2 and 20 credits at Level 1
  - NCEA Level 3 = 60 credits at Level 3 and 20 credits at Level 2

For an NCEA Level 1 Certificate, at least ten credits must come from literacy (reading and writing in English / Te Reo) and ten from numeracy. For an NCEA Level 2 Certificate, students must have met the NCEA Level 1 Literacy and Numeracy requirements.

- Endorsements;
  - The National Certificate in Educational Achievement can be endorsed. Students will require 50 credits at Excellence to gain an NCEA endorsed with Excellence, and 50 credits at Merit (or Merit and Excellence), to gain an NCEA endorsed with Merit.
  - Subject Endorsement - students will receive an Excellence endorsement if they gain 14 or more credits at Excellence level and a Merit endorsement if they gain 14 or more credits at Merit level in a school subject. At least three of the 14 credits must be from internally assessed standards and three from externally assessed standards. This demonstrates that the student is competent in both forms of assessment.
- Some subjects will also offer Unit Standards. The credits from Unit Standards will also count towards NCEA. The result for each can only be Not Achieved or Achieved.
- Credits from some subjects can be used for other certificates such as the National Certificate in Computing.
- Students studying at NCEA Level 3 also can sit scholarship exams. These exams enable students to be assessed against challenging standards and are designed for the ablest students in each subject. Most of the approved subjects are available for scholarship in 2022.

## **YEARS 12 AND 13 COURSE ENTRY GUIDELINES**

In 2022 entry to NCEA Level 2 and NCEA Level 3 will be on a subject-by-subject basis.

### **Year 12 and Year 13 entry guidelines**

Each Year 12 and Year 13 subject will set their own entry standards. You should refer to the subject information for pre-requisites.

Students in Year 12 may take the subjects offered at NCEA Level 1 as well as at Level 2. Students in Year 13 may take subjects offered at NCEA Level 1, 2 or 3. Year 13 students should also read the information about Entrance to University 2021 before selecting subjects.

### **Entrance to University 2023**

In the past, basic University Entrance Qualifications have ensured a place for any student who wanted to study at university apart from degrees with limited entry such as Medicine and Engineering. Each university and university course have different entry level requirements.

With the changes to government funding, most universities already have restrictions on enrolments. Students now need to look at not only the basic requirements (see below) but also entry for specific degrees.

New Zealand Qualifications Authority (NZQA) and the Council of the Universities have agreed that the 2022 intake of students will be considered for entrance to a university in New Zealand if they have obtained:

- Achievement of NCEA Level 3 (60 credits at Level 3 or higher and 20 credits at Level 2 or higher).
- 14 credits in each of three subjects from the list of approved subjects.
- University Entrance Numeracy – ten credits at Level 1 or above from specified Achievement Standards through a range of subjects or three specific numeracy Unit Standards.
- University Entrance Literacy – ten credits (five in reading and five in writing) from (a) specific Level 2 / 3 Standards, or specific Te Reo Maori standards or (b) two specific Level 4 English for academic purposes Unit Standards.

More specific information is available from our Career's Advisor.

<b>Subject:</b>	<b>Art (Painting / Printmaking)</b>	
<b>NCEA Level:</b>	<b>Two</b>	
<b>Teacher to Contact:</b>	<b>Mrs C Perrin</b>	<b>Code: L2ART</b>

### Painting

Standard		Title	Credits
AS 91321	E	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting.	12
AS 91306	I	Demonstrate an understanding of methods and ideas from established practice appropriate to painting.	4
AS 91316	I	Develop ideas in a related series of drawings appropriate to established painting practice.	4

### Printmaking

Standard		Title	Credits
AS 91323	E	Produce a systematic body of work that shows understanding of art making conventions and ideas within design.	12
AS 91308	I	Demonstrate an understanding of methods and ideas from established practice appropriate to painting.	4
AS 91318	I	Develop ideas in a related series of drawings appropriate to established printmaking practice.	4

**E means the Achievement Standard is assessed externally at the end of the year.  
I means the Achievement Standard is assessed internally.**

#### What will I learn?

This is a practical course which builds on the Year 11 Art course. Students can choose up to two options from either Painting, Printmaking or Art Design. For example, a student could choose Art with Mrs Perrin and Art Design with Mrs Beggs, achieving credits with both. Drawing is a large component of this course which is then extended into painting or print making. Students will continue to learn to develop an understanding of existing Art methods and ideas by the in-depth study of artists and models. The ideas and development for folios are student directed.

#### How will I learn?

By systematically working through a series of tasks that teach and develop skills to be used in work for the folio. Homework is an important component as it helps students keep up-to-date and have the time to complete work to the best of their abilities.

#### What should I have already done?

Year 10 Art option students who did not attempt NCEA Level 1 Art may be eligible on the recommendation of the Head of Learning Area - Arts.

#### Where does the subject lead?

NCEA Level 3 Art, as well as developing artistic skills and ability which enhance possibilities at a higher level – University, Art School, Technical Institute or Community Colleges.

#### How is the course assessed?

The course is assessed both internally and externally. A two-panel portfolio is submitted for the external assessment.

#### Other details (costs, field trips etc):

Painting: \$50.00.  
Printmaking: \$50.00

#### End of course qualification:

Credits towards the National Certificate of Educational Achievement Level 2.

#### Possible Career Options:

Illustrator / animator, art teacher, web and game designer, costume and set designer, professional artist, fashion, interior design, printmaker, jeweller, art consultant, art restorer, make-up artist.



<b>Subject:</b>	<b>Art Design</b>	
<b>NCEA Level:</b>	<b>Two</b>	
<b>Teacher to Contact:</b>	<b>Mrs S Beggs</b>	<b>Code: L2ADS</b>

<b>Standard</b>		<b>Title</b>	<b>Credits</b>
AS 91305	I	Demonstrate an understanding of methods and ideas from established practice appropriate to design.	4
AS 91310	I	Use drawing methods to apply knowledge of conventions appropriate to design	4
AS 91315	I	Develop ideas in a related series of drawings appropriate to established design practice	4
AS91320	E	Produce a systematic body of work that shows understanding of art making conventions and ideas within design	12
AS91325	I	Produce a resolved work that demonstrates control of skills appropriate to cultural conventions.	4

**E means the Achievement Standard is assessed externally at the end of the year.**

**I means the Achievement Standard is assessed internally.**

**Students will be expected to complete at least one internal and one external.**

#### **How will I learn?**

A selection of both traditional and digital learning opportunities will be offered to students to allow them to explore a range of options to use in their artworks. Students will work through a process of 'Design Thinking' that provides a framework that allows students to solve problems.

#### **What will I learn?**

Students will learn how to contextualise a design brief, using a wide range of visual styles that they have developed in the junior school. The students will be taught to use a range of viewpoints to provide options for development of the subject matter, exploring conventions of typography in relation to text hierarchy and contemporary established practice for poster design, and a change in scale of elements within the design work to show their control of media.

#### **What should I have already done?**

Completed NCEA Level 1.

#### **Where does this subject lead?**

NCEA Level 3 Art Design provided that the student has an achieved grade in most of the Achievement Standards listed above.

#### **How is this course assessed?**

Both internally and externally. A two-panel portfolio is submitted for the external assessment.

#### **Other details (stationery, costs, field trips etc):**

Stationery: Visual Diary and an A3 Clear file.

#### **End of year course qualification:**

Credits towards the National Certificate of Educational Achievement Level 2.

#### **Possible Career Options:**

Graphic Designer, Illustrator/Animator, Web/game creator, Advertising, Professional Artist, Interior Designer, Printmaker, Art consultant, Art restorer.

<b>Subject:</b>	<b>Biology</b>
<b>NCEA Level:</b>	<b>Two</b>
<b>Teacher to Contact:</b>	<b>Miss M Hancock</b> <b>Code: L2BIO</b>

<b>Standard</b>		<b>Title</b>	<b>Credits</b>
AS 91153	I	Carry out a practical investigation in a biology context, with supervision.	4 Num
AS 91154	I	Analyze the biological validity of information presented to the public.	3 Lit
AS 91155	I	Demonstrate understanding of adaption of plants and animals to their way of life.	3 Lit
AS 91156	E	Demonstrate understanding of life processes at the cellular level.	4 Lit
AS 91157	E	Demonstrate understanding of genetic variation and change.	4 Lit
AS 91158	I	Investigate a pattern in an ecological community.	4 Lit
AS 91159	E	Demonstrate understanding of gene expression.	4 Lit

**E means the Achievement Standard is assessed externally at the end of the year.**

**I means the Achievement Standard is assessed internally.**

**Lit means the credits count towards Level 1 Literacy.**

**Num means the credits count towards Level 1 Numeracy.**

### **What will I learn?**

Students will discuss with their teacher a pathway based on the standards above. At Level 2, students will choose to undertake 14 credits plus one standard. The course may cover: ecology, diversity of plants and animals, cell biology, genetics and evolution, applied biology, critical science literacy and resource management.

### **How will I learn?**

By reading, researching and recording relevant facts and communication ideas through assignments and tests. Students can work independently to carry out a practical investigation.

### **What should I have already done?**

You should have achieved at least one Biology standard at NCEA Level 1, and one other Science standard at NCEA Level 1. If this is not applicable, then entry is by application to the Head of Science and Teacher in Charge of Biology.

### **Where does the subject lead?**

This subject leads to NCEA Level 3 Biology. It is also a pre-requisite for courses at tertiary level including polytechnics and universities. Level 2 Biology is also seen as an asset for entry into many careers.

### **How is the course assessed?**

The course is assessed through field work, a practical investigation, assessments, written assignments, tests and exams.

### **End of course qualification:**

Credits towards the National Certificate of Educational Achievement Level 2.

<b>Subject:</b>	<b>Chemistry</b>		
<b>NCEA Level:</b>	<b>Two</b>		
<b>Teacher to Contact:</b>	<b>Mrs J Davidson</b>	<b>Code: L2CHE</b>	

<b>Standard</b>		<b>Title</b>	<b>Credits</b>
AS 91164	E	Demonstrate understanding of bonding, structure, properties and energy changes.	5 Lit
AS 91165	E	Demonstrate understanding of properties of selected organic compounds.	4 Lit
AS 91166	E	Demonstrate understanding of chemical reactivity.	4 Lit
AS 91167	I	Demonstrate understanding of oxidation-reduction.	3
AS 91911	I	Carry out an investigation into chemical specifications present in a sample using qualitative analysis.	3
AS 90910	I	Carry out a practical investigation into a substance present in a consumer product using quantitative analysis.	4 Num

**E means the Achievement Standard is assessed externally at the end of the year.**

**I means the Achievement Standard is assessed internally.**

**Lit means the credits count towards Level 1 Literacy.**

**Num means the credits count towards Level 1 Numeracy.**

The third external (AS 91166) is optional and will be offered to academic students only.

#### **What will I learn?**

Chemical behaviour and reactions and attempt to explain how and what chemicals do. Chemical processes are related to the environment, industries and everyday life.

#### **How will I learn?**

Through recording information, tests, assignments, exams, practical work and analysing and interpreting data. By developing scientific skills and attitudes; by interpreting and using a range of chemical information from quantitative and qualitative sources. You will use the language of chemistry to describe, understand and predict chemical behaviour at the molecular level and link the theory to practical.

#### **What should I have already done?**

Completed NCEA Level 1 Science and passed one external Achievement Standard in Level 1 Science. Entry is by application to Mrs Davidson.

#### **Where does the subject lead?**

This subject leads to NCEA Level 3 Chemistry and is also a pre-requisite for many courses at tertiary institutions. This is also a valuable course for many trades and professions including electricians, plumbers and nurses.

#### **How is the course assessed?**

By internal and external Achievement Standards.

There are non-assessed components, eg assignments and laboratories.

#### **Other details (costs, field trips etc):**

Stationery: lined refill pad, an A4 folder and two write-on lab books (cost approximately \$45.00).

#### **End of course qualification:**

At least fourteen credits towards the National Certificate of Educational Achievement Level 2.

#### **Possible Career Options:**

Biochemist, environmental scientist, chemical engineer, Department of Conservation, pharmacist, doctor, nurse, mid-wife, health industry, veterinarian, vet nurse, engineer.

<b>Subject:</b>	<b>Construction</b>		
<b>NCEA Level:</b>	<b>Two</b>		
<b>Teacher to Contact:</b>	<b>Mr P Woodward</b>	<b>Code: L2CST</b>	

<b>Standard</b>	<b>Title</b>	<b>Credits</b>
US 24354	Demonstrate knowledge of and apply safe working practices in a BCATS workplace.	4
US 24350	Identify, select and maintain and use portable power tools for BCATS projects.	6
US 12932	Construct timber garden furniture and basic construction equipment as a BCATS project.	8

**I means the Unit Standard is assessed internally.**

These Unit Standards are taken from the BCITO (Building Construction Industry Training Organisation) pre-apprenticeship programme. Students will have a course that is individually tailored to suit their needs and abilities.

**What will I learn?**

To apply and use a range of woodworking skills and processes used in the building and construction industry.

**How will I learn?**

Standards are arranged to augment projects that students will work on. Units are used at specific points throughout the development of the project to complement each stage of the process and to clarify necessary skills and understandings. Some units may require two years to complete, depending on students' abilities.

**What should I have already done?**

Anybody can do this course providing they are interested in construction.

**Where does the subject lead?**

These are pre-apprenticeship units developed for the specific needs of general construction trades.

**How is the course assessed?**

All Unit Standards are internally assessed. They may comprise a short theory test or focus on practical aspects which are based on observations as to how students use their knowledge and understanding gained from theory handbooks, and, of course, completion of specific projects.

**Other details (costs, field trips etc):**

Students will be charged for materials used in each project depending on whether they want to take them home or not.

**End of course qualifications:**

Credits towards the National Certificate of Educational Achievement Level 2.

If students are specifically interested in gaining a trade qualification from within the BCITO group industries, then over a two-year period, students could work towards a National Certificate in Building, Construction and Allied Trade Skills Level 1 or 2, which can be incorporated into either programme. For further information, talk to the teacher concerned.

**Possible Career Options:**

Carpenter, joiner, cabinet maker, furniture maker, boat builder, paver.

<b>Subject:</b>	<b>Design and Visual Communications</b>		
<b>NCEA Level:</b>	<b>Two</b>		
<b>Teacher to Contact:</b>	<b>Mrs K Paraone</b>	<b>Code: L2DVC</b>	

<b>Standard</b>		<b>Title</b>	<b>Credits</b>
AS 91337	E	Use visual communications techniques to generate design ideas.	3
AS 91342	I	Develop a product design through graphics practice.	6
AS 91339	E	Produce instrumental perspective projection drawings to communicate design ideas.	3
AS 91340	I	Use the characteristics of a design movement or era to inform own design ideas.	3
AS 91341	I	Develop a spatial design through graphics practice.	6 Lit
AS 91343	I	Use visual communication techniques to present own designs.	4

**E means the Achievement Standard is assessed externally at the end of the year.**

**I means the Achievement Standard is assessed internally.**

**Lit means the credits count towards Level 1 Literacy.**

Students will choose between Product and Spatial briefs. External Achievement Standards will be offered to possible subject endorsement students only.

#### **What will I learn?**

Students will continue to learn about Design and Visual Communications in a range of possible areas such as Product Design, Architectural, Interior Design, Environmental Design, Fashion Illustration and Media Design.

#### **How will I learn?**

Students will cover a range of activities and find individual solutions to design briefs.

#### **What should I have already done?**

A satisfactory result in NCEA Level 1 Design and Visual Communications.

#### **Where does the subject lead?**

Successful students may go on to Level 3 in Design and Visual Communications.

#### **Other details (costs, field trips etc):**

Stationery: DVC pack (if purchased in Year 10 students will only need to replace consumables.)

#### **End of course qualification:**

Level 2 credits towards the National Certificate of Educational Achievement, subject endorsed.

#### **Possible Career Options:**

Artist, fashion designer, jeweller, photographer, screen printer, sign-writer, graphic designer, web designer, animator, illustrator, teacher, architect, interior / spatial designer, industrial / product designer, production designer, creative director, art director.

<b>Subject:</b>	<b>Digital Technologies</b>	
<b>NCEA Level:</b>	<b>Two</b>	
<b>Teacher to Contact:</b>	<b>Mr M Donaldson</b>	<b>Code: L2DGT</b>

<b>Standard</b>	<b>Title</b>	<b>Credits</b>
US 29771	I Use the main features and functions of a presentation application for a purpose.	2
US 29782	I Demonstrate knowledge of computing hardware, software, and terminology to select digital tools for specified purposes.	5
US 29773	I Produce digital images for a range of digital media.	3
US 29774	I Use the main features and functions of a desktop publishing application to create documents.	3
US 3202	I Compose and enter text to create and manage documents.	3

**I means the Unit Standard is assessed internally.**

### **What will I learn?**

You will learn to further enhance your ability to input and manipulate information and to create and present words and images in a variety of ways to produce digital media which have visual appeal using computer applications in order to communicate effectively. Individual programmes of work are negotiated at the beginning of the year depending on the student's prior knowledge. The above standards are an example of what is available for students to attempt.

### **How will I learn?**

Practical use of computers covering Microsoft Office applications. It is anticipated that students will work through relevant units of work according to their needs at a pace which suits their skill level and ability.

### **What should I have already done?**

NCEA Level 1 Digital Technologies. However, this can be taken as a new subject.

### **Where does the subject lead?**

Successful students may go on to NCEA Level 3 Digital Technologies course. It is not intended or expected that students will sit all standards.

### **How is the course assessed?**

The course is assessed through Unit Standards.

### **Other details (costs, field trips etc):**

Stationery: Headphones.

### **End of course qualification:**

Credits towards the National Certificate of Educational Achievement Level 2.

### **Possible Careers Options:**

Secretary, office manager, banking officer, office worker, self-employed, receptionist, shop assistant, librarian, customer service, data entry.

<b>Subject:</b>	<b>English</b>
<b>NCEA Level:</b>	<b>Two</b>
<b>Teacher to Contact:</b>	<b>Mrs L Fulton</b> <b>Code: L2ENG</b>

<b>Standard</b>		<b>Title</b>	<b>Credits</b>
AS 91104	I	Analyse significant connections across texts.	4 Lit
AS 91105	I	Use information literacy skills to form conclusions.	4 Lit R
AS 91107	I	Analyse aspects of visual text.	3 Lit
AS 91099*	E	Analyse specified aspects of visual texts.	4 Lit W
AS 91098*	E	Analyse specified aspects of written text.	4 R/W
AS 91100	I	Analyse significant aspects of unfamiliar texts.	6 Lit W
AS 91101	I	Produce a selection of crafted and controlled writing.	6 Lit W

**I means the Achievement Standard is assessed internally.**  
**E means that the Achievement Standard is assessed externally.**  
**Lit means the credits count towards Level 1 Literacy.**  
**W means the credits count towards University Entrance Literacy – Writing.**  
**R means the credits count towards University Entrance Literacy - Reading.**  
**\*Please note that only two of these three standards will be offered.**

#### **What will I learn?**

Students will learn to analyse and respond to literature and language, and to write for different purposes and audiences, speak confidently and to present and understand the meaning of visual images. The standards offered may vary to suit the needs of the students in the class.

#### **How will I learn?**

This course will be taught on a text by text basis which focuses on the skills in the standards offered.

#### **What should I have already done?**

Students must have gained Level 1 Literacy otherwise entry to NCEA Level 2 is at the discretion of the Head of Learning Area.

#### **Where does the subject lead?**

To the NCEA Level 3 English course (subject to meeting the prerequisites for entry).

#### **How is the course assessed?**

Throughout the year by the above internal Achievement Standards, and at the end of the year through external Achievement Standards.

#### **Other details (costs, field trips etc):**

Stationery: 1B8 exercise book and refill.

#### **End of course qualification:**

Credits towards the National Certificate of Educational Achievement Level 2.

#### **Possible Career Options:**

Anything that requires the use of visual or verbal communication in English at a competent and coherent level.

<b>Subject:</b>	<b>Food Technology</b>		
<b>NCEA Level:</b>	<b>Two</b>		
<b>Teacher to Contact:</b>	<b>Ms D Henderson</b>	<b>Code: FDT220</b>	

<b>Standard</b>		<b>Title</b>	<b>Credits</b>
US 13283	I	Prepare and present salads for service in a commercial kitchen.	2
US 167	I	Practice food safety in a food business.	4
US 13276	I	Cook food items by grilling.	2
US13271	I	Cook food items by frying.	2
US 13281	I	Prepare and assemble and present basic sandwiches for service.	2

**I means the Unit Standard is assessed internally.  
Lit means the credits count towards Level 1 Literacy.**

### **What will I learn?**

Skills which will prepare you to work in the hospitality industry. You will build on previous knowledge of nutrition and safe hygiene skills in the preparation and storage of everyday foods for self and others.

### **How will I learn?**

By working on assignments and in workbooks, both at school and at home. You will have lots of hands-on food trials and food analysis to complete.

### **What should I have already done?**

Achieved some NCEA Level 1 Food Technology standards or had relevant practical experiences.

### **Where does the subject lead?**

To NCEA Level 3 Food Technology, hospitality courses at polytechnic / other tertiary institutes, or straight into the hospitality industry.

### **How is the course assessed?**

This course is assessed internally with practical and written components.

### **Other details (costs, field trips etc):**

Students will be expected to assist with catering at school events.

Students may be selected to complete barista training though NorthTec.

### **End of course qualification:**

Credits towards the National Certificate of Educational Achievement Level 2.

### **Possible Career Options:**

Chef, barista, hotel management, events management, restaurant and café work, tourism, food technologist.



<b>Subject:</b>	<b>Geography</b>
<b>NCEA Level:</b>	<b>Two</b>
<b>Teacher to Contact:</b>	<b>Mrs K Kitchingman      Code: L2GEO</b>

<b>Standard</b>		<b>Title</b>	<b>Credits</b>
AS 91240	E	Demonstrate geographic understanding of a large natural environment.	4 Lit + W/R
AS 91243	E	Apply geography concepts and skills to demonstrate understanding of a given environment.	4 Lit
AS 91244	I	Conduct geographic research with guidance.	5 Lit/Num
AS 91246	I	Explain aspects of a geographic topic at a global scale.	3 Lit
AS 91245	I	Explain aspects of a contemporary New Zealand geographic issue.	3 Lit

**E means the Achievement Standard is assessed externally at the end of the year.**

**I means the Standard is assessed internally.**

**Lit means the credits count towards Level 1 Literacy.**

**Num means the credits count towards Level 1 Numeracy.**

**R means the credits count towards University Entrance Literacy - Reading.**

**W means the credits count towards University Entrance Literacy - Writing.**

### **What will I learn?**

Level 2 Geography is about understanding the processes that shape natural and cultural environments. It includes people's use and perceptions of these environments. Topics include weather, mountains, marine reserves, studying a large natural environment (such as the South Island High Country) and considering how things change over time.

Mapping skills and geographic concepts are studied throughout the course.

### **How will I learn?**

Learning activities include discussion, books, computer resources, space images, newspapers, videos, maps, models and a field trip in the local area.

### **What should I have already done?**

Students need to have at least 12 credits in NCEA Level 1 Geography (can be a mix of internal and external credits). It is possible to pick up NCEA Level 2 Geography for the first time in Year 12, however this will be at the discretion of the teacher. Attitude, work habits, literacy ability and attendance all play a part in acceptance to this course.

### **Where does the subject lead?**

Geography is available in Year 13 for NCEA Level 3 and leads directly to further university programmes. Geography leads to a wide range of careers (eg tourism, planning, environmental) and helps to develop common sense and an ability to work independently.

### **How is the course assessed?**

Using both internal and external Achievement Standards selected from the table above. The course will be tailored to meet the needs of the students in the class and up to nineteen credits may be available.

### **Other details (costs, field trips etc):**

Fieldwork is undertaken in the local area for research and a trip to Urupukapuka Island.

### **End of course qualification:**

Credits towards the National Certificate of Educational Achievement Level 2.

<b>Subject:</b>	<b>History</b>		
<b>NCEA Level:</b>	<b>Two</b>		
<b>Teacher to Contact:</b>	<b>Mr T Davison</b>	<b>Code: L2HIS</b>	

<b>Standard</b>		<b>Title</b>	<b>Credits</b>
AS 91229	I	Carry out an inquiry of an historical event or place that is of significance to New Zealanders	4 R
AS 91230	I	Examine an historical event or place that is of significance to New Zealanders	5 R
AS 91231	E	Examine sources of an historical event that is of significance to New Zealanders	4 R/W
AS 91232	I	Interpret different perspectives of people in an historical event that is of significance to New Zealanders	5 R
AS 91233	E	Examine causes and consequences of a significant historical event	5 R/W

**E means the Achievement Standard is assessed externally at the end of the year.**

**I means the Standard is assessed internally.**

**R means the credits count towards University Entrance Literacy - Reading.**

**W means the credits count towards University Entrance Literacy – Writing.**

### **What will I learn?**

NCEA Level 2 History is about how people have interacted with each other over time. It focuses on aspects of human rights, conflict, and protest. Students will have a range of topics from which to choose. They can choose to focus on the same topic all year, or study different topics for each standard.

Research and evaluation skills are taught, as well as analysing the reliability and value of information from different sources. Writing for History will also be taught.

### **How will I learn?**

Learning activities include videos, texts, newspapers, internet, discussion, individual and group research and assignments. Depending on the topics chosen, field trips could be an option.

### **What should I have already done?**

Students need an interest in social studies and the world around them. The willingness to read and write is also important. Attitude, work habits and attendance all play a part in acceptance to this course.

### **Where does the subject lead?**

This course leads directly to History at University and is recognised as a useful qualification for a wide range of careers, including law, business, and education.

### **How is the course assessed?**

The course is assessed by internal and external achievement standards. The number of standards attempted will be negotiated with each student. Up to 19 credits will be offered from the list above.

### **End of course qualification:**

Credits towards the National Certificate of Educational Achievement Level 2.

<b>Subject:</b>	<b>Mathematics</b>
<b>NCEA Level:</b>	<b>Two</b>
<b>Teacher to Contact:</b>	<b>Mr D Fowler</b>
	<b>Code: L2MAS</b>

Standard		Title	Credits
AS 91256	I	Apply co-ordinate geometry methods in solving problems.	2 Num
AS 91259	I	Apply trigonometric relationships in solving problems.	3 Num
AS 91262	E	Apply calculus methods in solving problems.	5 Num
AS 91268	I	Investigate a situation involving elements of chance using a simulation.	2 Lit/Num
AS 91258	I	Apply sequences and series in solving problems.	2 Num
AS 91260	I	Apply network methods in solving problems.	2 Num
AS 91267	E	Apply probability methods in solving problems.	4 Num

**E means the Achievement Standard is assessed externally at the end of the year.**

**I means the Standard is assessed internally.**

**Num means the credits count towards Level 1 Numeracy.**

### **What will I learn?**

By studying Mathematics and Statistics, students develop the ability to think creatively, critically, strategically, and logically. They learn to structure and to organise, to carry out procedures flexibly and accurately, to process and communicate information, and to enjoy intellectual challenge. By learning Mathematics and Statistics, students develop other important thinking skills. They learn to create models and predict outcomes, to conjecture, to justify and verify, and to seek patterns and generalisations. They learn to estimate with reasonableness, calculate with precision, and understand when results are precise and when they must be interpreted with uncertainty. Mathematics and Statistics have a broad range of practical applications in everyday life, in other learning areas, and in workplaces.

### **How will I learn?**

The emphasis will be on formulating problems in a logical manner and using mathematical terms to develop an understanding of basic concepts.

### **What should I have already done?**

You should have Level 1 Mathematics with at least ten credits, and an interest in further learning in Mathematics and / or Statistics.

### **Where does the subject lead?**

This subject can lead to further study in Mathematics and / or Statistics at Level 3. For those not continuing further study the development of logical reasoning and problem-solving skills is useful.

### **How is the course assessed?**

Assessment is based on a mixture of external and internal assessments.

### **End of course qualification:**

Credits towards the National Certificate of Educational Achievement Level 1 and 2.

### **Possible Career Options:**

None specifically but the subject is very useful for the study of many subjects including trades, business and science courses.

<b>Subject:</b>	<b>Music</b>
<b>NCEA Level:</b>	<b>Two</b>
<b>Teacher to Contact:</b>	<b>Mr P Zeedijk</b> <b>Code: L2MUS</b>

Standard		Title	Credits
AS 91270	I	Perform two substantial pieces of music as a featured soloist.	6
AS 91271	I	Compose two substantial pieces of music.	6
AS 91272	I	Demonstrate ensemble skills by performing a substantial piece of music as a member of a group.	4
AS 91273	I	Devise an instrumentation for an ensemble.	4
AS 91274	I	Perform a substantial piece of music as a featured soloist on a second instrument.	4
AS 91275	E	Demonstrate aural understanding through written representation.	4
AS 91276	E	Demonstrate knowledge of conventions in a range of music scores.	4 Lit
AS 91277	E	Demonstrate understanding of two substantial and contrasting music works.	6 Lit R+W
AS 91278	I	Investigate an aspect of New Zealand music.	4 Lit
US 32302	I	Apply knowledge of MIDI sequencing.	3
US 32303	I	Apply knowledge of a music notation application.	3

**I means the Achievement Standard is assessed internally.**

**E means that the Achievement Standard is assessed externally.**

**Lit means the credits count towards Level 1 Literacy.**

**W means the credits count towards University Entrance Literacy – Writing.**

**R means the credits count towards University Entrance Literacy - Reading.**

### **What will I learn and how?**

NCEA Music is a completely individualised program. At level 2 students will choose which standards (minimum of 14 credits plus one standard) best suit their goals and/or pathways. Students will learn through practice, discussion and reflection on musical goals they have set. There will be opportunities for students to share their work with others through performance and/or presentations to help grow confidence. Regular self, peer, and teacher feedback will ensure students keep up to date with their goals.

### **What do I need to enter this course?**

Being at Level 6 or higher in any two of the four areas of the music curriculum (context knowledge, theory, composition, performance) or at the discretion of the Head of Music.

### **End of course qualification:**

Level 2 credits towards NCEA

### **Where does this subject lead and what possible career options?**

NCEA Level 3 Music, musician, composer, song writer, sound/recording engineer, DJ, music producer, music teacher

<b>Subject:</b>	<b>Physical Education</b>		
<b>NCEA Level:</b>	<b>Two</b>		
<b>Teacher to Contact:</b>	<b>Mr B Campbell</b>	<b>Code: L2PED</b>	

<b>Standard</b>		<b>Title</b>	<b>Credits</b>
AS 91330		Perform a physical activity in an applied setting.	4
AS 91334		Consistently demonstrate social responsibility through applying a social responsibility model in physical activity.	3
AS 91332		Evaluate effective leadership strategies that contribute to the effective functioning of a group.	4
AS 91335		Examine the implementation and outcome(s) of a physical activity, event or opportunity.	3 Lit
AS 91329		Demonstrate understanding of the application of biophysical principles to training for physical activity.	4

**I means the Achievement Standard is assessed internally.  
Lit means the credits count towards Level 1 Literacy.**

### **What will I learn?**

In NCEA Level 3 Physical Education, you will learn how to develop a training programme personalised to yourself, for an event that we decide as a class. Through planning your own camp experience, you will develop organisational skills, and whilst on this camp you will trial different leadership styles to see which ones are effective. You will also develop your ability to be an effective team member across a variety of different sporting and physical activity contexts.

### **How will I learn?**

By working through five Achievement Standards both in practical and theory. Homework and revision of material are a very important component of the year's work.

### **What should I have already done?**

You should have 14 or more credits in NCEA Level 1 Physical Education. Admission to this course will be on recommendation of your NCEA Level 1 Physical Education teacher. Attitude, attendance, effort, fair play and participation will be considered in this recommendation. You may attempt NCEA Level 2 Physical Education having not taken NCEA Level 1 Physical Education; however this will only be after consultation between the Careers Advisor and the Head of Department Physical Education.

### **Where does the subject lead?**

NCEA Level 3 Physical Education on recommendation from your Level 2 Physical Education Teacher. Further tertiary education is also an option.

### **How is the course assessed?**

All Achievement Standards will be internally assessed.

### **Other details (costs, field trips etc):**

Some extra costs may occur due to trips or workbooks.

### **End of course qualification:**

Credits towards the National Certificate of Educational Achievement Level 2.

### **Possible Career Options:**

Physical Education teacher, nurse, physiotherapist, personal trainer, sports coach, sports manager, events manager, outdoor instructor.

<b>Subject:</b>	<b>Physics</b>		
<b>NCEA Level:</b>	<b>Two</b>		
<b>Teacher to Contact:</b>	<b>Mr A Carson</b>	<b>Code: L2PHY</b>	

<b>Standard</b>		<b>Title</b>	<b>Credits</b>
AS 91168	I	Carry out a practical investigation that leads to a non-linear mathematical relationship.	4 Lit/Num
AS 91170	E	Demonstrate understanding of waves.	4 Lit/Num
AS 91171	E	Demonstrate understanding of mechanics.	6 Lit/Num
AS 91173	E	Demonstrate understanding of electricity and electro-magnetism.	6 Lit/Num
AS 21172	I	Demonstrate understanding of atomic and nuclear physics.	3 Lit

**E means the Achievement Standard is assessed externally at the end of the year.**

**I means the Achievement Standard is assessed internally.**

**Lit means the credits count towards Level 1 Literacy.**

**Num means the credits count towards Level 1 Numeracy.**

### **What will I learn?**

The course involves the study of; skills of physics, kinematics (linear motion), vectors, forces and equilibrium, momentum, work, power and energy, circular and projectile motion, current electricity, electromagnetism, waves and induction.

### **How will I learn?**

Reading, note-taking, practical experiments, careful observation, discussion, linking ideas, graphical interpretation, problem solving and presentation.

### **What should I have already done?**

NCEA Level 1 Science and Mathematics with at least 12 credits in each. Entry is by application to Mr Carson.

### **Where does the subject lead?**

Success in Physics can lead to a career in teaching, engineering, electronics, computing, science and medicine or the military as well as many other professions, trades and industries.

### **How is the course assessed?**

Through internal and external Achievement Standards.

### **Other details (costs, field trips etc):**

Lined refill paper or exercise book.

### **End of course qualification:**

Credits towards the National Certificate of Educational Achievement Level 2.

<b>Subject:</b>	<b>Te Reo Maori</b>		
<b>NCEA Level:</b>	<b>Two</b>		
<b>Teacher to Contact:</b>	<b>Ms K Te Whata</b>	<b>Code: L2REO</b>	

Standard		Title	Credits
AS 91284	I	Whakarongo kia mōhio ki te reo o te ao torotoro.	4 Lit
AS 91285	I	Kōrero kia whakamahi i te reo o te ao torotoro.	6 Lit
AS 91286	E	Pānui kia mohio ki te reo o te ao torotoro.	6 Lit R
AS 91287	E	Tuhi i te reo o te ao torotoro.	6 Lit W
AS 91288	I	Waihanga tuhinga auaha, i te reo o te ao torotoro.	6 Lit W

**E means the Standard is assessed externally at the end of the year.**  
**I means the Achievement Standard is assessed internally.**  
**Lit means the credits count towards Level 1 Literacy.**  
**R means the credits count towards University Entrance Literacy - Reading.**  
**W means the credits count towards University Entrance Literacy – Writing.**  
**A range of Unit Standards are also available to meet the needs of the students who choose Te Reo Maori.**

### **What will I learn?**

By the end of the year students will have:

- Developed further their listening, speaking, reading and writing competence in Te Reo Māori.
- Developed the confidence to speak Te Reo Māori inside and outside the classroom.
- An understanding of Ngā Kōrero o Nehera (Myths and Legends).
- Retold Pūrākau / stories in their own words, Māori / English.
- A knowledge of the format and function of Whaikōrero
- Demonstrated knowledge and understanding of the workings of a hui.
- Develop research skills (Ngā Taonga Māori),
- Presented material about waiata-ā-ringa / haka / mōeatea (Kapa Haka).

### **How will I learn?**

Through participation in kapa haka, marae visits, Te Ātaarangi method of learning, e-learning / e-resources, internet, Ngā Manu Kōrero / speech competitions.

### **What should I have already done?**

NCEA Level 1 Te Reo Māori.

### **Where does the subject lead?**

NCEA Level 3 Te Reo Māori. University, Polytechnic, Teachers' College.

### **How is the course assessed?**

Participation in Ngā Manu Kōrero speech competition is recommended; participation is encouraged in our Kapa Haka Roopu – Nga Wheinga a Rahiri; oral and written tests and research projects.

Please note that external assessors may be utilised to assess standards.

### **Other details (costs, field trips etc):**

Events of relevance to the course including Ngā Manu Kōrero regional speech competition, Te Tai Tokerau Secondary Schools Kapa Haka Festival, local haerenga or noho marae.

### **End of course qualification:**

Credits towards the National Certificate of Educational Achievement Level 2.

<b>Subject:</b>	<b>Tourism</b>
<b>NCEA Level:</b>	<b>Two</b>
<b>Teacher to Contact:</b>	<b>Mrs K Kitchingman      Code: L2TOU</b>

Standard		Title	Credits
US 18237	I	Perform calculations for the tourism and travel industry.	3
US 24726	I	Describe and compare social and cultural impacts of tourism	3
US 24727	I	Describe and compare impacts of tourism on the physical environment	3
US 24729	I	Demonstrate knowledge of world tourism destinations	4
US 24730	I	Demonstrate knowledge of the business of Tourism	4
US 24731	I	Demonstrate knowledge of destination New Zealand	4
US 24732	I	Demonstrate knowledge of tourist characteristics and needs	3
US 24728	I	Demonstrate knowledge of work roles in tourism.	3

**I means the Unit Standard is assessed internally.**

Students are not expected to complete all Unit Standards. Depending on the ability and interest of individual students, they will select their Unit Standards from the above list.

#### **What will I learn?**

Students will complete a selection of the NCEA Level 2 Standards listed above. This programme studies the tourist industry from the following viewpoints: the basic skills required in the tourism industry, the history of tourism, New Zealand and the world as a destination for visitors, and the economic and social impact of the tourist industry.

#### **How will I learn?**

Learning activities include discussion, books, newspapers, videos, maps, models and significant use of the internet.

#### **What should I have already done?**

Social Science and Level 1 Geography would help but there are no set entry criteria. An interest in the tourist industry as a career direction would be of assistance.

#### **Where does this subject lead?**

The Unit Standards taught in this programme are part of the National Certificate in Tourism Level 2. These Unit Standards are industry based and lead to Level 3 Tourism programmes taught by Okaihau College, polytechnics and private providers.

#### **How is the course assessed?**

This course is assessed through tasks which are part of the programme workbook, as each Unit Standard is completed there is an assessment task to complete.

#### **Other details:**

This course is STAR funded. Workbooks are supplied and all costs, including fieldtrips, are covered by the STAR fund. A trip to the Kawiti Glow Worm Caves and QRC (Queenstown Resort College) in Paihia explores tourism in the Bay of Islands and local study options.

#### **End of course qualifications.**

Credits towards the National Certificate in Tourism and NCEA Level 2 Unit Standards.

#### **Possible Career Options:**

Service industries sector which includes tourism, travel and hospitality. There are a high number of roles and occupations available in this sector.



