

## Subject Guide at Dargaville High School

CURRICULUM	YEAR 9	YEAR 10	YEAR 11	YEAR 12	YEAR 13
<b>English/Languages</b>	English Maori Japanese	English Maori	English English Studies Maori	English English Applied Maori	English English Applied Maori
<b>Mathematics</b>	Mathematics Financial Literacy	Mathematics	Accounting Mathematics Mathematics Applied	Accounting Mathematics Mathematics Alternative Level 2 Mathematics with Applications	Accounting Mathematics with Calculus Statistics and Modelling
<b>The Arts</b>	Drama Music  Visual Arts	Drama Music  Visual Arts	Drama Music  Visual Arts	Drama Music  Visual Arts	Music  Art History  Visual Arts - Painting - Distance Learning Design - Distance Learning Printmaking - Distance Learning Sculpture
<b>Physical Education, Health and Transition</b>	Physical Education and Health	Physical Education and Health	Health Physical Education Sport  Distance Learning	Health Physical Education Sport Physical Education (NCEA) Sport and Recreation Childcare Distance Learning Peer Support Leadership	Physical Education Sport Physical Education (NCEA)  Distance Learning Peer Support Leadership
<b>Social Sciences</b>	Social Studies	Social Studies and Humanities	Economics  Geography  History	Economics Young Enterprise Scheme Geography Travel and Tourism History	Economics  Geography Travel and Tourism History
<b>Science</b>	Science	Science  Horticulture	Environmental Studies Science Science Applied Horticulture	Biology Chemistry Physics Environmental Science with Applied Science Horticulture	Biology Chemistry Physics
<b>Technology</b>	Information Management  Hard Materials Technology  Textile Technology  Food Technology	Information Management  Hard Materials Technology  Textile Technology  Food Technology	Information Management  Graphics  Hard Materials Technology Materials Certificate  Textile Technology  Food Technology Food and Nutrition (Home Ec) Hospitality	Computer Studies  Graphics  Automotive Engineering Hard Materials Technology  Textile Technology  Food and Nutrition (Home Economics) Hospitality	Computer Science  Hard Materials Technology  Home Economics Hospitality

In Years 11, 12 and 13 there is a possibility of video conferencing and correspondence courses.

## **Year 9**

### **Subject Outlines**

#### **English**

This full-year core subject develops skills in all six areas of the national English curriculum – reading, writing, speaking, listening, viewing and presenting. All Year 9 students follow the same basic course – journal writing, creative writing, essay writing, reading, literature study (poetry, drama, novel, short story, non-fiction), speaking activities, listening activities, active drama, presenting activities, introductory library study and critical TV and film viewing.

#### **Mathematics**

This full-year core subject reinforces concepts learned at primary and intermediate level, and builds on them. A large amount of new material is included, ranging between level 3 and 5 of the National Curriculum, depending on the ability level of the student. All classes encourage investigation/problem-solving activities, and students are given the opportunity to become involved in competitions. Pupils need a scientific calculator. Please see what we recommend before you purchase one.

#### **Physical Education**

This full-year core subject strongly emphasizes participation and involvement. All students participate in Physical Education lessons and if necessary a special programme is devised to meet an individual student's needs.

Students are expected to change into clean, practical gear. This is shorts and a school "T" shirt. Denim shorts are not considered practical. Track pants and sweatshirts may be worn during winter.

#### **Social Studies**

The aim of Social Studies is to enable students to participate in a changing society as informed, confident and responsible citizens. Social Studies is a compulsory course in both Year 9 and Year 10. It leads on to senior studies in History, Geography and Economics.

Over the course of the year four units of learning are completed building knowledge, understanding and skills. Each unit has an end of unit test and at least one assessment task. Social Studies skills, ideas and processes are tested in the mid-year and end of year exams. Some examples of units of learning include: Our Government, World of Work, Treaty of Waitangi – Then and Now, Human Rights and Tourism – the Great Escape.

#### **Science**

Science is the first year of a junior core programme which looks at the way the world works. The course aims to fulfill national curriculum guidelines in science.

#### **Topics will include:**

- The Living World
- The Material World
- The Physical World
- Planet Earth and Beyond

## **ADDITIONAL SUBJECTS:**

### **Health**

The health module covers the topics of Sexuality Education, Drug and Alcohol Education, within the total health concept of Hauora.

### **Music**

The music module provides students with practical music making activities and an introduction to music appreciation and history. Some instrumental tuition is available, free of charge, for students who own or who are able to hire their own instrument.

### **Visual Arts**

In this module students develop painting skills based on colour theory; this will also embrace elements of Art History and appreciation. Following from this, students build on drawing elements to create academic sketching and painting studies from life.

### **Technology**

Year 9 Technology comes in the form of different modules each one focusing on a different aspect of technology. The common theme throughout each module is the technological practice and literacy. The different modules could involve Materials, Food, ICT and electronics.

We hope to build on student's current practice and enhance their use of design and evaluation so that they understand how to develop not only the practical skills, but also the thinking skills that are needed.

### **Maori Language & Maori Studies**

This option aims to:

- Foster whanaungatanga (relationships) amongst the students
- Enable the students to acknowledge and understand Tikanga me te Reo Maori (language) o Te Taitokerau (Ngata Whatua values, attitudes and behaviour)
- Enable the students to grow in their ability to understand and speak Maori
- Provide the opportunity for students to listen, speak, read and write in Te Reo Maori
- Ensure continued growth and development of Te Reo Maori within the High School and community
- Develop a positive attitude and respect for Maori language and protocol

Students are able to join the High School culture group, which is involved in public functions and the Taitokerau Secondary Schools Festival. There are opportunities for students to participate in Nga Manu Korero (Taitokerau).

### **Drama**

Students studying this course will become familiar with and incorporate dramatic techniques (such as voice, gesture, facial expression and movement).

### **Japanese**

This subject introduces students to the language and culture of Japan. Students will learn to speak and understand conversational Japanese language and develop a platform for further study.

## **Year 10**

### **Subject Outlines**

#### **Information Management Technology**

Students who take this course will need to be creative, willing to explore their own ideas and work using their own initiative. To make this course work for you, you have to be the sort of person who enjoys using computer software to produce a quality solution to a problem or brief. The course lays the foundation for Year 11 Information Management. The course involves using Movie Maker, providing business solutions such as business cards, presentation software, using ICT as a promotion tool, basic introduction to programming. This course provides students with preparation for Level 1 NCEA Information Management and beyond.

#### **Design and Technology Multi-Materials**

This course is suited to students who are interested in designing and making prototype products using a wide range of materials. Keys to this course are research, analysis and the communication of ideas, and you will need to be able to work independently. This course is well suited to students interested in Designing and Making, e.g. Product Design, Architecture, Industrial Design, Furniture and Cabinet design and manufacture, Building and Joining and Theatre set design. The course provides a foundation for the skills and knowledge to be able to study Materials Design and Technology Achievement and Unit Standards at NCEA Level 1

#### **Workshop (pre-trades) Materials Technology**

The course will suit the students who are interested in gaining knowledge and skills through focusing on practical task-based activities in the areas of Graphics, Timber and Metal. By the end the course it is intended students will have begun to build up a portfolio that they can use to help them gain an apprenticeship in a wide range of practical career options such as building, carpentry, plumbing and engineering. The course provides a foundation of knowledge and experience to enable students to study for Level 1 NCEA Unit Standards in Graphics, Furniture and Engineering.

#### **Graphics**

Students taking this course will study ideas associated with architectural, media and product design. You will study formal drawing systems, sketching, Computer Aided Design, and presentation techniques that will be needed to solve various different design briefs. The course also includes the technical vocabulary that is used to convey this information. This course is a foundation course to help you develop skills and knowledge for Level 1 NCEA Graphics & Design.

#### **Nutrition and Food Technology**

This course is about helping students to make informed decisions about food and the choices that will contribute to their own well-being (hauora) and that of other people. This includes knowledge and understanding of the nutritional needs of people across all ages, lifestyles (e.g. sporting), and cultures. Students will find out about food purchasing and budgeting, and how to prepare food. This course has a significant practical component but students need to know that planning and preparation for all practical lessons is required. The practical nature of the course will assist students improve their technological literacy. Students will find this course provides the foundation knowledge and skills related to Level 1 NCEA courses in Food Technology, Food & Nutrition and or Health.

#### **Creative Textiles**

This course comes under the Technology curriculum and involves practical and theory lessons in Textiles. Students produce a portfolio of work on topics such as, garment recycling, creating fabric and adding colour, knit wear, sleepwear and pattern styling. All these topics will give a good background of; - knowledge, practical skills, research skills and work presentation. Students will find this course provides the foundation knowledge and skills related to Level 1 NCEA courses in Textile Technology.

### **Visual Art**

This is a broad multi-media course that will provide students with the opportunity to develop skills and knowledge in 3-d modelling (ceramics and card sculpture), a range of printing techniques (collograph, wood block etching) and academic painting and drawing. Students will also explore the works of traditional and contemporary artists and use what they have learnt to develop their own ideas. Students will find that they will develop both art making skills and critical thinking. This will form a stepping-stone towards studying Level 1 NCEA Visual Arts.

### **Drama**

Students studying this course will become familiar with and incorporate dramatic techniques (such as voice, gesture, facial expression and movement), elements and conventions into their creative work. There will be the opportunity to explore and utilise the skills of improvisation, mime, script writing and characterisation. This is an introductory course that will prepare students for Level 1 & 2 NCEA Drama, which involves more in-depth study of acting styles and theatre.

### **Music**

Students studying this course will be developing their existing skills of performance and knowledge of music, both reading and writing scores and composers. Students must be able to play or sing complete pieces of work if they are to succeed in this course. The course is a foundation that will prepare students for Level 1 NCEA Music, and provides the skills necessary as a stepping-stone for further study.

### **Nga Toi (Performing and Visual Arts)**

Students taking this course will be involved in the whole concept of kaupapa and tikanga. It is aimed to develop the knowledge and skill not only associated with performance but also the decisions that are needed to make lifestyle choices that enable success for the individual taking part. The students will be involved not only in Kapa haka but also other dances of the Pacific. The course will provide a foundation for students wishing to take Te Reo NCEA Level 1 and the possibility of being part of a developing Performing Arts course.

### **Te Reo Maori**

This course takes students through proficiency tests in korero (speaking), whakarongo (listening), panui (reading) tuhituhi (writing) based on the content covered in the Year 9 course. The course will include tikanga (protocols and customs) related to the kaupapa being taught. The will enable students to be prepared for Level 1 NCEA which cover these curriculum areas of speaking, listening, writing and reading in Te Reo Maori.

### **Japanese**

Konnichi wa! Why not learn to read, write and speak Japanese? Japan is still one of New Zealand's most important trade and tourism partners, and the ability to speak Japanese can help numerous careers. Imagine thinking of working in the travel industry or going to live in Japan, teaching Japanese students English! The will enable students to be well prepared for Level 1 NCEA Japanese in the following year.

### **Humanities**

This subject provides students with an insight into the areas of Economics, Geography, History, and Classic Studies. (That's the Greeks and Romans). One of the key features of the course is the Product Challenge, which is similar to the Junior Enterprise Scheme. The course helps students draw on and combine the resources available to them to explore issues in the local and wider community. Because the topics range across several curriculum areas, students will learn a range of useful skills that can be applied to Level 1 NCEA Geography, History and Economics.

## Years 11, 12 and 13

### Subject Outlines

<b>SUBJECT</b>	English Year 11
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 1
<b>COURSE DESCRIPTION</b>	This is an academic course, offering the full range of NCEA Achievement Standards at Level 1. There will be a combination of internal and external assessments. This course is recommended for students in the gold band and selected students from the silver band (the work is challenging).
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 1
<b>PRE-REQUISITES</b>	Gold and silver band classes
<hr/>	
<b>SUBJECT</b>	English Studies Year 11
<b>QUALIFICATION</b>	Up to 24 Unit Standard credits towards NCEA Level 1.
<b>COURSE DESCRIPTION</b>	This course offers a range of Unit Standards, all of which can work towards credits in your NCEA Level 1 Certificate.
<b>ASSESSMENT</b>	Internally assessed Unit Standards at Level 1
<b>PRE-REQUISITES</b>	Silver and bronze band students
<hr/>	
<b>SUBJECT</b>	English Year 12 (Achievement Standard)
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 2
<b>COURSE DESCRIPTION</b>	This is an academic course that will lead to NCEA Level 3 English. Students will study a wide range of genre and be expected to work on challenging and rigorous texts. The course is comprised of a combination of internal and external assessment.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 2 including University literacy entrance requirements.
<b>PRE-REQUISITES</b>	12 NCEA Level 1 English credits
<hr/>	
<b>SUBJECT</b>	English Year 12 (Unit/Achievement Standard)
<b>QUALIFICATION</b>	A combination of up to 22 Unit Standard and Achievement Standard credits towards NCEA Level 2
<b>COURSE DESCRIPTION</b>	This offers students who have achieved at least 8 credits at NCEA Level 1, an opportunity to gain credits at Level 2. This course is all internally assessed and is of a less academic nature but will still give students University entrance requirements in literacy
<b>ASSESSMENT</b>	Internally assessed unit and Achievement Standards at Level 2
<b>PRE-REQUISITES</b>	8 credits at NCEA English Level 1 or Unit Standards at Year 11
<hr/>	
<b>SUBJECT</b>	English Year 12 (Level 1/Level 2 Unit Standard)
<b>QUALIFICATION</b>	Unit standards at Level 1 and some at Level 2
<b>COURSE DESCRIPTION</b>	This course offers students an opportunity to complete Unit Standards at Level 1 and Level 2 in order to gain NCEA Level 1 literacy requirements. It will also offer Unit Standards of a more practical/less academic nature. This course is aimed at students who achieved fewer than 8 credits at Level 1.
<b>ASSESSMENT</b>	Internally assessed unit standards at Level 1, with some offered at Level 2
<b>PRE-REQUISITES</b>	None
<hr/>	

<b>SUBJECT</b>	English Year 13
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 3
<b>COURSE DESCRIPTION</b>	This is a difficult and challenging course designed to really extend English skills in language and literature. Students will study Shakespeare and other classic texts, and also look at an aspect of language.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 3
<b>PRE-REQUISITES</b>	16 NCEA English credits at Level 2

---

<b>SUBJECT</b>	English Applied Year 13
<b>QUALIFICATION</b>	Up to 18 Level 3 Unit Standard credits (including 8834 and 8836 – Level 3 requirements for university)
<b>COURSE DESCRIPTION</b>	This is an internally assessed course comprising Level 3 English Unit Standards for students who plan on tertiary study and need Level 3 English credits to meet entry requirements.
<b>ASSESSMENT</b>	Internal assessment of Level 3 Unit Standards
<b>PRE-REQUISITES</b>	12 Level 2 credits - either Achievement or Unit Standards

---

<b>SUBJECT</b>	Maori Year 11
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 1
<b>COURSE DESCRIPTION</b>	Students will cover korero, whakarongo, panui, tuhituhi me nga tikanga Maori.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 1
<b>PRE-REQUISITES</b>	Year 10 Maori

---

<b>SUBJECT</b>	Maori Year 12
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 2
<b>COURSE DESCRIPTION</b>	Students will extend korero, whakarongo, panui, tuhituhi me nga.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 2
<b>PRE-REQUISITES</b>	NCEA Maori Level 1

---

<b>SUBJECT</b>	Accounting Year 11
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 1
<b>COURSE DESCRIPTION</b>	Students will gain an understanding of the financial world, accounting and its purpose and function in society.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 1
<b>PRE-REQUISITES</b>	Must be studying NCEA Level 1 Mathematics

---

<b>SUBJECT</b>	Accounting Year 12
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 2
<b>COURSE DESCRIPTION</b>	Students will study the need for, and the use of, accounting principles, processes and systems.
<b>ASSESSMENT</b>	Internally and externally assessed ACHIEVEMENT STANDARDS at Level 2
<b>PRE-REQUISITES</b>	24 NCEA Accounting Level 1 credits with at least 2 merits

---

<b>SUBJECT</b>	Accounting Year 13
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 3
<b>COURSE DESCRIPTION</b>	After prior study of this subject, students will cover partnerships, companies, manufacturing accounts, costing, systems, cash flows and cash budgets.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 3
<b>PRE-REQUISITES</b>	24 NCEA Accounting Level 2 credits with at least 2 merits

---

<b>SUBJECT</b>	Mathematics Year 11
<b>QUALIFICATION</b>	Up to 22 Achievement Standard credits towards NCEA Level 1 and 21 Unit Standard credits
<b>COURSE DESCRIPTION</b>	This is an academic course designed to provide the skills required so this subject can be continued to Years 12 and 13. Algebra, number, graphs, geometry, trigonometry, measurement, probability and statistics are all included.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards and Unit Standards at Level 1
<b>PRE-REQUISITES</b>	A good understanding of mathematics at Years 9 and 10

---

<b>SUBJECT</b>	Mathematics Applied Year 11
<b>QUALIFICATION</b>	Up to 26 Unit Standard credits towards National Certificates
<b>COURSE DESCRIPTION</b>	This is a nationally recognised course designed for students who find mathematics difficult. It covers many of the basics with emphasis on mathematics that will be useful when you leave school.
<b>ASSESSMENT</b>	Internal assessment of Unit Standards at Level 1, as well as "Topic Assessments".
<b>PRE-REQUISITES</b>	Open entry

---

<b>SUBJECT</b>	Mathematics Year 12
<b>QUALIFICATION</b>	Up to 20 Achievement Standard credits and up to 22 Unit Standard credits towards NCEA Level 2
<b>COURSE DESCRIPTION</b>	This is an academic course that extends many of the topics covered in NCEA Level 1 Mathematics. Statistics is continued and calculus is introduced. There is a strong emphasis on algebra and graphs. You will need a workbook and a graphics calculator.
<b>ASSESSMENT</b>	Internal and external assessment of Achievement Standards and Unit Standards at Level 2
<b>PRE-REQUISITES</b>	Achieved in most Level 1 Achievement Standards and merit in Algebra (1.1) and Graphs (1.2). You need a minimum of 17 Achievement Standard credits at NCEA Level 1 for this course

---

<b>SUBJECT</b>	Mathematics Year 12 Alternative Level 2
<b>QUALIFICATION</b>	Up to 17 mainly Unit Standards credits towards NCEA Level 2
<b>COURSE DESCRIPTION</b>	This course extends topics covered in NCEA Level 1 mathematics. It covers more algebra, graphs, and practical trigonometry and some statistics. It is an academic course which offers mainly Unit Standards and Achievement Standards taught at an achieved level.
<b>ASSESSMENT</b>	Internal and external assessment of Unit Standards and Achievement Standards at Level 2
<b>PRE-REQUISITES</b>	More than 17 credits total from achievement and Unit Standards in Year 11 NCEA Mathematics Level 1 with HOD approval

---

<b>SUBJECT</b>	Mathematics with Applications Year 12
<b>QUALIFICATION</b>	Up to 26 Unit Standard credits towards NCEA Level 1 and the National Certificate in Employment Skills
<b>COURSE DESCRIPTION</b>	Level 1 Unit Standards at a slightly easier level than NCEA Level. This course includes the 4 Unit Standards essential for the New Zealand Certificate of Employment Skills.
<b>ASSESSMENT</b>	Internal assessment of Unit Standards at Level 1
<b>PRE-REQUISITES</b>	Year 11 MAP, or under 15 credits in NCEA Mathematics Level 1

---

<b>SUBJECT</b>	Mathematics with Calculus Year 13
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 3
<b>COURSE DESCRIPTION</b>	Extends the ideas learnt in Year 12 Mathematics, particularly algebra, calculus, graphs and trigonometry. This is the most difficult mathematics course offered involving a lot of abstract concepts.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards and Unit Standards at Level 3
<b>PRE-REQUISITES</b>	Full Year 12 Mathematics with at least merit in Algebra (2.1), merit in Differentiation (2.3)

---

<b>SUBJECT</b>	Mathematics with Statistics and Modelling Year 13
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 3
<b>COURSE DESCRIPTION</b>	Extends the ideas learnt in Year 12 Mathematics and introduces some new ones, such as confidence intervals, probability distributions and modelling. There is a focus on technology with both graphics calculators and Microsoft excel used to solve problems.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards and Unit Standards at Level 3
<b>PRE-REQUISITES</b>	Full Year 12 Mathematics with at least merit in Statistics (2.5) and merit in Algebra (2.1)

---

<b>SUBJECT</b>	History with Art History Year 12 (new subject)
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 3
<b>COURSE DESCRIPTION</b>	Two thirds of the subject is delivered from a historical point of view, covering Vietnam and 19 <sup>th</sup> Century Maori leadership. One third looks at politics and protest in art and the art works that are created as a result of this as well as looking at art works in Northland involving a trip.
<b>ASSESSMENT</b>	Term 1: History – Vietnam – Assessment: 2.1 internal. Term 2: History – 19 <sup>th</sup> Century Maori Leadership - Assessment 2.2 internal. Term 3: Art History – Maori Art/Taonga (traditional/contemporary) – Assessment: 2.2 internal Term 4: Revision
<b>PRE-REQUISITES</b>	none

---

<b>SUBJECT</b>	Art History Year 13
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 3
<b>COURSE DESCRIPTION</b>	15th and 16th century Renaissance art in Italy, 20 <sup>th</sup> Century artists who fit the category of ‘Towards Abstraction’ and a selection of modern New Zealand artists will be covered. An interesting and varied course that prepares students for travel and tertiary study.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 3
<b>PRE-REQUISITES</b>	Must be capable in English-based subjects due to essay components and written exams

---

<b>SUBJECT</b>	Drama Year 11
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 1
<b>COURSE DESCRIPTION</b>	This course introduces students to the basics in drama, from creating and devising drama to production skills like lighting and costuming. This is a practical course and will be fun but students must be prepared to act in front of an audience and to complete written work as well.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 1
<b>PRE-REQUISITES</b>	Gold/Silver bands only. This is an academic as well as practical course

---

<b>SUBJECT</b>	Drama Year 12
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 2
<b>COURSE DESCRIPTION</b>	This builds on skills learnt at Level 1 in drama and becomes increasingly technical and challenging in terms of dramatic technique and understanding of drama and its genres.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 2
<b>PRE-REQUISITES</b>	12 credits at NCEA Drama Level 1

---

<b>SUBJECT</b>	Music Year 11
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 1
<b>COURSE DESCRIPTION</b>	This course develops students’ skills in performance, composition, listening to music and broadens their general musical knowledge.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 1
<b>PRE-REQUISITES</b>	Previous learning in music, either at school or in private lessons. You MUST hire or own your own instrument.

---

<b>SUBJECT</b>	Music Year 12
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 2
<b>COURSE DESCRIPTION</b>	This course guides students to become accomplished performers in several styles and polish their composition skills. Students will improve their ability to play and write music by ear and deepen their general musical knowledge.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 2
<b>PRE-REQUISITES</b>	Satisfactory completion of Year 11 Music with HOD Music approval
<b>SUBJECT</b>	Music Year 13

---

<b>SUBJECT</b>	Music Year 13
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 3
<b>COURSE DESCRIPTION</b>	Students may choose their emphasis in Level 3 music to be either practical or theoretical. Their course may focus on musical knowledge, performance or composition. Listening skills are developed by all music students.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 3
<b>PRE-REQUISITES</b>	Satisfactory completion of NCEA Music Level 2 with HOD Music approval

---

<b>SUBJECT</b>	Visual Arts Year 11
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 1
<b>COURSE DESCRIPTION</b>	Students will follow a broad course using skills such as painting, drawing and printmaking. They will be covering aspects of contemporary New Zealand art and using artists' work on which to model their own projects.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 1
<b>PRE-REQUISITES</b>	Open entry

---

<b>SUBJECT</b>	Visual Arts Year 12
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 2
<b>COURSE DESCRIPTION</b>	Students will develop visual research skills which inform projects in sculpture, printmaking and painting. Students are expected to base ideas around the work of contemporary artists and keep up to date with current issues in art.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 2 with an option to take a further 12 credits if appropriate
<b>PRE-REQUISITES</b>	Open entry

---

<b>SUBJECT</b>	Visual Arts Year 13
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 3
<b>COURSE DESCRIPTION</b>	Students will follow an individual programme depending on their chosen specialism. First discipline offered: painting. Should students wish to follow a second Visual Art subject of either print, design or sculpture, this would be offered via Correspondence School. It is essential that students remain aware of current arts practice and relevant NZ exhibitions.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 3
<b>PRE-REQUISITES</b>	NCEA Level 2 Visual Arts. Second subject available through Correspondence School at HOD discretion only.

---

<b>SUBJECT</b>	Health Year 11
<b>QUALIFICATION</b>	Up to 22 Achievement Standard and Unit Standard credits towards NCEA Level 1
<b>COURSE DESCRIPTION</b>	This course focuses on the key health areas of hauora, goal setting, nutrition and understanding of issues relating to drug use and sexuality. Recommended for students wanting to be part of the student support network (eg SHC).
<b>ASSESSMENT</b>	All Internally assessed Achievement Standards at Level 1
<b>PRE-REQUISITES</b>	Open entry

---

<b>SUBJECT</b>	Health Year 11
<b>QUALIFICATION</b>	Up to 19 Achievement Standard credits towards NCEA Level 2
<b>COURSE DESCRIPTION</b>	This course covers a range of key health concepts including mental health, gender and sexuality, cannabis, change, loss and grief, and health promotion. Recommended for students considering careers in health (e.g. nursing, social work, mental health, health promotion, etc.).
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 2
<b>PRE-REQUISITES</b>	Completion of Year 11 Health or member of student support group(s) or HOD interview or 12 English Level 1 credits

---

<b>SUBJECT</b>	Physical Education Year 11 Sport
<b>QUALIFICATION</b>	No formal qualification available in this course
<b>COURSE DESCRIPTION</b>	Students participate in a fitness and sports orientated programme
<b>ASSESSMENT</b>	Not applicable
<b>PRE-REQUISITES</b>	Open entry on approval of HOD

---

<b>SUBJECT</b>	Physical Education Year 12
<b>QUALIFICATION</b>	Up to 15 Achievement Standard credits towards NCEA Level 2
<b>COURSE DESCRIPTION</b>	Covers safety aspects and procedures, practical skills, anatomy and biomechanics, training methods and principles, leadership of junior pupils, skill learning practice and theory.
<b>ASSESSMENT</b>	Internally assessed Achievement Standards at Level 2
<b>PRE-REQUISITES</b>	Students should have demonstrated in Year 11 that they have a strong interest in physical education and the theory behind it.

---

<b>SUBJECT</b>	Physical Education Sport and Recreation Year 12
<b>QUALIFICATION</b>	No formal qualification
<b>COURSE DESCRIPTION</b>	Snorkeling, rock climbing and abseiling, field day organisation, conventional sports activities, tramping, kayaking, underwater hockey and free diving.
<b>ASSESSMENT</b>	Internally assessed practical components
<b>PRE-REQUISITES</b>	Students should have a strong interest in physical education and be able to work co-operatively in team situations

---

<b>SUBJECT</b>	Physical Education Year 13
<b>QUALIFICATION</b>	Up to 14 Achievement Standard credits towards NCEA Level 3
<b>COURSE DESCRIPTION</b>	Students spend most of Term 1 on swimming practical (5 credits). Students must wear approved swimming gear and goggles. Students are taught the theory aspects of exercise and use this knowledge to plan, participate in and then critique an exercise programme.
<b>ASSESSMENT</b>	Internally assessed Achievement Standards through written assignments and one practical task at Level 3
<b>PRE-REQUISITES</b>	Nil

---

<b>SUBJECT</b>	Childcare Year 12
<b>QUALIFICATION</b>	National Certificate in Early Childhood Education and Care, and credits towards NCEA Level 2
<b>COURSE DESCRIPTION</b>	This subject will give students the basic skills and knowledge required for parenting, plus the provision of early childhood education. It looks at the needs of children during their physical, emotional, social and psychological development.
<b>ASSESSMENT</b>	Internally assessed Unit Standards moderated by the Open Polytechnic
<b>PRE-REQUISITES</b>	Open entry

---

<b>SUBJECT</b>	Distance Learning
<b>QUALIFICATION</b>	Unit Standards and Achievement Standards at all levels
<b>COURSE DESCRIPTION</b>	A range of tertiary level and NCEA Correspondence School subjects available. Students are monitored but must be self-disciplined, able to work with minimal supervision and have approval from their Dean.
<b>ASSESSMENT</b>	Tasks are either open-book tests or assignments or closed-book tests under supervision
<b>PRE-REQUISITES</b>	Varies from subject to subject. Must have Dean approval.

---

<b>SUBJECT</b>	Gateway Work Experience
<b>QUALIFICATION</b>	Unit Standard credits towards National Certificates in vocational subjects
<b>COURSE DESCRIPTION</b>	An opportunity for motivated, self-disciplined students to have work experience in the industry or career path they are considering for future employment. Commitment to utilise out-of-school time is required.
<b>ASSESSMENT</b>	A range of selected, industry specific Unit Standards assessed in the workplace and at school
<b>PRE-REQUISITES</b>	Commitment, 'can-do' attitude and enthusiasm

---

<b>SUBJECT</b>	Peer Support Leadership Year 12 and 13
<b>QUALIFICATION</b>	Up to 4 Unit Standard credits towards NCEA Level 3
<b>COURSE DESCRIPTION</b>	Course covers leadership training in Year 12 and Year 13 followed by participation as a leader in the Peer Support Programme, including three day camp and one resource period per week during Term 1 of Year 13.
<b>ASSESSMENT</b>	Internally assessed Unit Standards at Level 3
<b>PRE-REQUISITES</b>	Year 12 students returning in Year 13 showing commitment to the Peer Support Programme.

---

<b>SUBJECT</b>	Transition Year 12
<b>QUALIFICATION</b>	Up to 10 Unit Standard credits towards NCEA Levels 1, 2 and 3
<b>COURSE DESCRIPTION</b>	A compulsory Year 12 course covering study and learning skills, health issues, alcohol and driving and CV preparation.
<b>ASSESSMENT</b>	Internally assessed Unit Standards at Levels 1, 2 and 3
<b>PRE-REQUISITES</b>	Compulsory for all Year 12 students

---

<b>SUBJECT</b>	Economics Year 11
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 1 plus appropriate Unit Standards
<b>COURSE DESCRIPTION</b>	Students will gain an understanding of economics by looking at the role of producers, consumers and the government in the NZ Economy. Students will develop an understanding of basic economic terms and concepts.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement and Unit Standards at Level 1
<b>PRE-REQUISITES</b>	A reasonable standard in mathematics and literacy skills

---

<b>SUBJECT</b>	Economics Year 12
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 2 plus appropriate Unit Standards
<b>COURSE DESCRIPTION</b>	Students will explore the economic issues of employment, trade, growth, inflation and inequality and how they impact on the NZ economy.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement and Unit Standards at Level 2
<b>PRE-REQUISITES</b>	Good English and mathematics skills

<b>SUBJECT</b>	Economics Year 13
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 3
<b>COURSE DESCRIPTION</b>	An introduction to the theory and application of economics through a comprehensive study of micro- and macroeconomics and its relevant application to the NZ economy.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 3
<b>PRE-REQUISITES</b>	Good English and mathematics skills

<b>SUBJECT</b>	Geography Year 11
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 1
<b>COURSE DESCRIPTION</b>	Three topics are studied - natural hazards, population studies, and resources and their use.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 1
<b>PRE-REQUISITES</b>	Open entry

<b>SUBJECT</b>	Geography Year 12
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 2
<b>COURSE DESCRIPTION</b>	Three topics are studied - natural landscapes, urban settlements, and inequalities in development.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 2
<b>PRE-REQUISITES</b>	At least 11 credits in either NCEA Level 1 Geography or Level 1 English

<b>SUBJECT</b>	Geography Year 13
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 3
<b>COURSE DESCRIPTION</b>	Three topics are studied - natural processes, cultural development and planning and decision making.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 3
<b>PRE-REQUISITES</b>	At least 11 credits in either NCEA Level 2 Geography or Level 2 English

<b>SUBJECT</b>	History Year 11
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 1
<b>COURSE DESCRIPTION</b>	Modern world history during the 20th century from the origins of WWII to present day issues such as black civil rights in USA and Search for Security in New Zealand.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 1
<b>PRE-REQUISITES</b>	Have at least an average reading ability and a keenness to learn about the world around us

<b>SUBJECT</b>	History with Art History Year 12 (new subject)
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 3
<b>COURSE DESCRIPTION</b>	Two thirds of the subject is delivered from a historical point of view, covering Vietnam and 19 <sup>th</sup> Century Maori leadership. One third looks at politics and protest in art and the art works that are created as a result of this as well as looking at art works in Northland involving a trip.
<b>ASSESSMENT</b>	Term 1: History – Vietnam – Assessment: 2.1 internal. Term 2: History – 19 <sup>th</sup> Century Maori Leadership - Assessment 2.2 internal. Term 3: Art History – Maori Art/Taonga (traditional/contemporary) – Assessment: 2.2 internal Term 4: Revision
<b>PRE-REQUISITES</b>	none

<b>SUBJECT</b>	History Year 13
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 3
<b>COURSE DESCRIPTION</b>	New Zealand history in the 19th century, Maori/Pakeha relations, economic and political change, New Zealand society and attitudes.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 3
<b>PRE-REQUISITES</b>	Open entry, however a good command of written English is an advantage

---

<b>SUBJECT</b>	Travel and Tourism Year 12 and Year 13
<b>QUALIFICATION</b>	Up to 42 Unit Standards (over two years) towards the National Certificate in Travel and Tourism (Introductory Skills) Level 2
<b>COURSE DESCRIPTION</b>	A two-year course studying aspects of the international and NZ tourist industry. Tourism is NZ's biggest employer. This course is approved by the Aviation, Tourism and Travel Training (ATTTO) Industry Training Organisation.
<b>ASSESSMENT</b>	Up to 25 internally assessed Unit Standards at Level 2, and up to 28 Level 3 credits included
<b>PRE-REQUISITES</b>	An ability to read, write and present to a reasonable standard

---

<b>SUBJECT</b>	Young Enterprise Scheme Year 12 and Year 13
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 3 and Young Enterprise Certificate
<b>COURSE DESCRIPTION</b>	Enterprise research project - students will develop the skills required to create and operate a small business enterprise.
<b>ASSESSMENT</b>	Enterprise examination
<b>PRE-REQUISITES</b>	Open entry

---

<b>SUBJECT</b>	Environmental Studies Year 11
<b>QUALIFICATION</b>	Up to 19 Achievement Standard credits towards NCEA Level 1
<b>COURSE DESCRIPTION</b>	The course focuses on environmental issues that range from conservation, sustainability and actions needed to solve problems. The course covers aspects of ecology, ag/hort and social studies. This course can lead to Year 12 biology if Year 11 Science is also taken.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 1
<b>PRE-REQUISITES</b>	Open entry

---

<b>SUBJECT</b>	Horticulture Year 11
<b>QUALIFICATION</b>	Up to 30 Achievement and Unit Standard credits towards NCEA Level 1
<b>COURSE DESCRIPTION</b>	This is a practical course designed to illustrate the theory and practicalities of raising and cultivating plants. Aspects of the course includes pests and diseases, seed raising, transplanting, pruning and cuttings, with applications such as landscaping.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement and Unit Standards at Level 1
<b>PRE-REQUISITES</b>	Year 10 Horticulture an advantage

---

<b>SUBJECT</b>	Horticulture Year 12
<b>QUALIFICATION</b>	Up to 20 Unit Standard credits leading towards the NZ Certificate in Horticulture Level 2
<b>COURSE DESCRIPTION</b>	This ITO course is designed to lead into the vocational applications of horticulture. Components of the course lead on from Year 11 with an emphasis on the practical skills needed in the workplace. Theory and commercial practice are also included.
<b>ASSESSMENT</b>	Internally assessed Unit Standards at Level 2
<b>PRE-REQUISITES</b>	Achieved 12 credits in NCEA Level 1 Horticulture

---

<b>SUBJECT</b>	Science Year 11
<b>QUALIFICATION</b>	Up to 30 Achievement Standard credits towards NCEA Level 1
<b>COURSE DESCRIPTION</b>	This course involves fundamental aspects of physics, biology and chemistry and is designed to lead onto the respective Year 12 and 13 courses. Topics include: electricity, forces, genetics, chemical reactions, fuels, organ systems.
<b>ASSESSMENT</b>	Internally assessed unit and Achievement Standards at Level 1
<b>PRE-REQUISITES</b>	Must be completing literacy and numeracy Achievement Standards

---

<b>SUBJECT</b>	Science Applied (Certificate Science) Year 11
<b>QUALIFICATION</b>	Up to 18 Unit Standard credits towards NCEA Level 1, NZASE Certificate.
<b>COURSE DESCRIPTION</b>	This is a general science course covering aspects of sports science, maintaining a healthy body, cars and transport, chemical reactions, ecology, earth science, electricity. The course also involves gathering, using and presenting information through scientific investigation.
<b>ASSESSMENT</b>	Internally assessed Unit Standards at Level 1
<b>PRE-REQUISITES</b>	Open entry

---

<b>SUBJECT</b>	Applied Science Year 12
<b>QUALIFICATION</b>	Up to 20 credits. This course can lead to the tertiary qualification National Certificate in Science Level 2 with up to 20 credits.
<b>COURSE DESCRIPTION</b>	This course involves a range of activities, many of them practically based which relate to science in our homes, workplace or environment. The course content will depend on the class interests, but can include cosmetics, soaps and detergents, environmental biology, simple electronics. Emphasis will be on the applications of science.
<b>ASSESSMENT</b>	Unit Standards at Levels 1 and 2. NZASE Certificate in Science Level 2
<b>PRE-REQUISITES</b>	Science studied at Year 11, either NZASE or NCEA or Environmental Studies

---

<b>SUBJECT</b>	Biology Year 12
<b>QUALIFICATION</b>	Up to 22 Achievement Standard and Unit Standard credits towards NCEA Level 2
<b>COURSE DESCRIPTION</b>	A theoretical course based on field trips, practical investigations and skill development. Topics studied include ecology, resource management, genetics, cell structure, function and processes, plant and animal biology.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 2
<b>PRE-REQUISITES</b>	NCEA Level 1 Science (credits in chemistry and biology)

---

<b>SUBJECT</b>	Biology Year 13
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 3
<b>COURSE DESCRIPTION</b>	A theoretical course with a strong practical component (individual investigations). Topics include genetics, genetic engineering, evolution (including human evolution), plant and animal orientation responses, biological rhythms and plant and animal behaviour.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 3
<b>PRE-REQUISITES</b>	NCEA Level 2 Biology – with 12 credits at good grades.

---

<b>SUBJECT</b>	Chemistry Year 12
<b>QUALIFICATION</b>	Up to 19 Achievement Standard credits towards NCEA Level 2
<b>COURSE DESCRIPTION</b>	Students will learn through investigations, demonstrations, class discussions and progressively more independent note-taking. Topics: atomic structure and bonding, quantitative chemistry, energy, equilibrium, organic, redox and acid-base reactions.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 2
<b>PRE-REQUISITES</b>	NCEA science (chemistry and physics credits) and mathematics Level 1

---

<b>SUBJECT</b>	Chemistry Year 13
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 3
<b>COURSE DESCRIPTION</b>	Students will continue the study of topics studied at Level 2, as well as radiochemistry, polymers, and intermolecular forces. This course goes into the underlying principles of chemistry in much greater depth, and will involve a long-term study.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 3
<b>PRE-REQUISITES</b>	NCEA Chemistry Level 2 - (12 credits) at good grades.

---

<b>SUBJECT</b>	Physics Year 12
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 2
<b>COURSE DESCRIPTION</b>	Topics studied include light, mechanics, electricity, magnetism and a brief introduction to atomic physics. Students study theory and the practical application of physics to the real world. The course involves significant practical work.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 2
<b>PRE-REQUISITES</b>	A reasonable standard in mathematics and science NCEA Level 1 (including chemistry and physics credits)

---

<b>SUBJECT</b>	Physics Year 13
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 3
<b>COURSE DESCRIPTION</b>	A more advanced level course in physics for those intending to study science, engineering or similar at tertiary level. Topics include mechanics, oscillations, electricity, magnetism and modern physics. Includes significant practical work.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 3
<b>PRE-REQUISITES</b>	A reasonable standard at NCEA Physics Level 2 (12 credits)

---

<b>SUBJECT</b>	Information Management Year 11
<b>QUALIFICATION</b>	Up to 30 Achievement and Unit Standard credits towards NCEA Level 1
<b>COURSE DESCRIPTION</b>	Students will further develop their practical use of computer software programmes e.g. word processing, design, spreadsheets.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement and Unit Standards at Level 1
<b>PRE-REQUISITES</b>	Students who have completed Year 10 Information Management have an advantage

---

<b>SUBJECT</b>	Computer Studies Year 12
<b>QUALIFICATION</b>	Up to 30 Achievement and Unit Standard credits towards NCEA Level 2
<b>COURSE DESCRIPTION</b>	A course based on computer applications including spreadsheet, database, presentation software, web pages and publisher.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement and Unit Standards at Level 2
<b>PRE-REQUISITES</b>	NCEA Level 1 Computing (or by negotiation) and a good understanding of computer applications.

---

<b>SUBJECT</b>	Computer Science Year 13
<b>QUALIFICATION</b>	Up to 30 Achievement and Unit Standard credits towards NCEA Level 3
<b>COURSE DESCRIPTION</b>	A course designed for students who intend doing Computing at tertiary level. Involves topics in programming, database and systems design as well as computer usage. Creating solutions for real end users.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement and Unit Standards at Levels 3
<b>PRE-REQUISITES</b>	Year 12 computing or by negotiation with HoD

---

<b>SUBJECT</b>	Graphics Year 11
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 1
<b>COURSE DESCRIPTION</b>	The students will develop independent, creative, thinking skills and learn how to draw two and three-dimensional objects using accurate, conventional drawing techniques recognised worldwide.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 1
<b>PRE-REQUISITES</b>	Year 10 Graphics

---

<b>SUBJECT</b>	Graphics Year 12
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 2
<b>COURSE DESCRIPTION</b>	By completing Year 12 Graphics you will develop independent creative thinking skills, initiative, ingenuity and resourcefulness by completing activities based on real situations in design and graphic communication.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 2
<b>PRE-REQUISITES</b>	NCEA Level 1 Graphics/Engineering Drawing Unit Standards

---

<b>SUBJECT</b>	Graphics Year 13
<b>QUALIFICATION</b>	This course is designed to build on the work done in Level 2. The 5 Achievement Standards carry a total of 24 Level 3 credits.
<b>COURSE DESCRIPTION</b>	The work includes a negotiated design brief and solution with a real client in addition to briefs based on architecture, environment, engineering, technology, media and illustration.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 2
<b>PRE-REQUISITES</b>	Level 2 Graphics. Entry to the course at HOD discretion

---

<b>SUBJECT</b>	Hard Materials Technology Year 11
<b>QUALIFICATION</b>	NCEA Level 1 Unit Standards
<b>COURSE DESCRIPTION</b>	Hard Materials Technology is a subject where students will solve problems by using design drawings to make practical projects in the workshop. Includes aspects of design, tool use and selection of suitable materials.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement and Unit Standards at Level 1
<b>PRE-REQUISITES</b>	Year 10 Multi Materials Technology recommended

---

<b>SUBJECT</b>	Working in Hard Materials Course Year 11
<b>QUALIFICATION</b>	NCEA Level 1 Unit Standards
<b>COURSE DESCRIPTION</b>	Provides an opportunity for students to learn basic practical skills working with materials. The course is geared towards making products from instructions,
<b>ASSESSMENT</b>	Skill based leading to Unit Standards
<b>PRE-REQUISITES</b>	Entry by recommendation and negotiation with HOD

---

<b>SUBJECT</b>	Hard Materials Technology Year 12
<b>QUALIFICATION</b>	Up to 24 Achievement and Unit Standard credits towards NCEA Level 2
<b>COURSE DESCRIPTION</b>	Students will learn practical skills, use resources, produce practical solutions and products and present work in portfolios. The course will be based around project development, working from design to the production of finished product especially furniture. The focus will be on working in wood and metal and will also include the graphics needed to produce products.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement and Unit Standards at Level 2
<b>PRE-REQUISITES</b>	NCEA Multi Material Technology Level 1 (15 credits minimum)
<b>NOTE</b>	Year 11 course in hard materials

---

<b>SUBJECT</b>	Hard Materials Technology Year 13
<b>QUALIFICATION</b>	Up to 24 Achievement and Unit Standard credits towards NCEA Level 3
<b>COURSE DESCRIPTION</b>	Students will learn practical skills, use resources, produce practical solutions and products and present work in portfolios. The course will be based around project development, working from design to the production of finished product. The focus will be on working in wood and metal and will also include the graphics needed to produce products.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement and Unit Standards at Level 2 and 3
<b>PRE-REQUISITES</b>	NCEA Multi Material Technology Level 2 (15 credits minimum)

---

<b>SUBJECT</b>	Automotive Engineering Year 12
<b>QUALIFICATION</b>	Up to 30 Unit Standard credits towards NCEA Levels 1 and 2 internally and externally moderated by Northland Polytech
<b>COURSE DESCRIPTION</b>	This is a pre-trade course aimed at automotive type apprenticeships. Students will learn safety, assembly/disassembly of engines, hand tools, 2/4 stroke engine principles, systems and components. More advanced students may also learn general engineering, gas welding, battery servicing, electric welding, preparing a vehicle for service, diesel fuel, transmission, and panel beating.
<b>ASSESSMENT</b>	Internally assessed Unit Standards moderated by Northland Polytechnic
<b>PRE-REQUISITES</b>	Eight literacy and eight numeracy credits at NCEA Level 1 recommended. Entry can be negotiated with the HOD.
<b>SPECIAL REQUIREMENTS</b>	There is a lot of bookwork in this course and students should be aware that a lot of reading is needed to understand the technical terms used in automotive engineering. You must also have a safety qualification (497) or be prepared to sit one (16113) before entering the workshop, and demonstrate responsibility as <b>the machinery is dangerous and instructions must be followed.</b>

---

<b>SUBJECT</b>	Pre-Electrical Trades Course – Level 2
<b>QUALIFICATION</b>	Up to Level 2 Unit Standards credits towards NCEA Level 2
<b>COURSE DESCRIPTION</b>	This course is designed to provide the Level 2 Off-Job Unit Standards on Electrical Theory, Testing and Safe Working Practices that are required towards becoming a qualified electrician. The course is suitable for the student with a sound understanding of manipulating mathematical formula, the ability to understand unfamiliar text and diagrams as well as the readiness to learn the practical skills required to put the theoretical knowledge into practice. The course will provide the basis for those who wish to advance towards an electrical career.
<b>ASSESSMENT</b>	Internally assessed Unit Standards at Level 2
<b>PRE-REQUISITES</b>	Level 1 Achievement or Unit Standards in Maths, Physics/Science and English.

---

<b>SUBJECT</b>	Textile Technology Year 11
<b>QUALIFICATION</b>	Up to 24 Achievement and Unit Standard credits towards NCEA Level 1
<b>COURSE DESCRIPTION</b>	The students will use textile resources and researched information to produce garments/articles to meet a given brief or situation. In doing so, students will be learning practical skills, how to use resources, produce solutions and products.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement and Unit Standards at Level 1
<b>PRE-REQUISITES</b>	A background in textile technology would be an advantage but is not essential

---

<b>SUBJECT</b>	Textile Technology Year 12
<b>QUALIFICATION</b>	Up to 24 Achievement and Unit Standard credits towards NCEA Level 2
<b>COURSE DESCRIPTION</b>	Students will use textile resources and researched information to produce garments/articles to meet a given brief or situation. They will make and use existing patterns to construct garments.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement and Unit Standards at Level 2
<b>PRE-REQUISITES</b>	Pass all Year 11 Textile Technology Unit Standards and an achieved in the Achievement Standards

---

<b>SUBJECT</b>	Food and Nutrition Year 11
<b>QUALIFICATION</b>	Up to 24 Achievement Standard credits towards NCEA Level 1
<b>COURSE DESCRIPTION</b>	By studying food related topics students develop an awareness of wellbeing (Hauora), health promotion, issues, attitudes and values. The course has a significant practical component.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 1
<b>PRE-REQUISITES</b>	Highly recommended that students are also studying NCEA Level 1 English

---

<b>SUBJECT</b>	Food and Nutrition Year 12
<b>QUALIFICATION</b>	Up to 24 Achievement and Unit Standard credits towards NCEA Level 2
<b>COURSE DESCRIPTION</b>	This course comes from the Health and Physical Education Curriculum. The focus is on Food and Nutrition. It covers aspects of hauora (well-being), health promotion, understanding of social ecological perspectives, attitudes and values. It reaches out from personal issues to community issues. This course has a significant practical component.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement Standards at Level 2
<b>PRE-REQUISITES</b>	Studies in Health and Food Technology recommended. Studying Level 2 NCEA English a definite advantage.

---

<b>SUBJECT</b>	Food and Nutrition Year 13
<b>QUALIFICATION</b>	Up to 24 Achievement and Unit Standard credits towards NCEA Level 3
<b>COURSE DESCRIPTION</b>	This subject is a mixture of Unit Standards and Achievement Standards from the Health and PE curriculum. It is for students with a serious interest in social values, health promotion, well-being, attitude and values learned in a food and nutrition context.
<b>ASSESSMENT</b>	Internally and externally assessed Achievement and Unit Standards at Level 3
<b>PRE-REQUISITES</b>	Achieved in NCEA Home Economics Level 2

---

<b>SUBJECT</b>	Hospitality Year 11
<b>QUALIFICATION</b>	Up to 24 Unit Standard credits towards NCEA Level 1
<b>COURSE DESCRIPTION</b>	This is a Unit Standards based course designed to help students understand the requirements of the hospitality industry. This course will involve cooking.
<b>ASSESSMENT</b>	Internally assessed Unit Standards moderated by the Hospitality Standards Institute at Level 1
<b>PRE-REQUISITES</b>	An interest in gaining employment in hospitality would be an advantage

---

<b>SUBJECT</b>	Hospitality Year 12
<b>QUALIFICATION</b>	Up to 24 Unit Standard credits towards NCEA Levels 1 and 2
<b>COURSE DESCRIPTION</b>	This is a Unit Standards based course designed to increase student knowledge of the hospitality industry. The course is a series of certificates in cookery.
<b>ASSESSMENT</b>	Internally assessed standards moderated by the Hospitality Standards Institute at Levels 1 and 2
<b>PRE-REQUISITES</b>	An interest in gaining employment in hospitality would be an advantage

---

<b>SUBJECT</b>	Hospitality Year 13
<b>QUALIFICATION</b>	Up to 23 Unit Standard credits towards NCEA Levels 2 and 3
<b>COURSE DESCRIPTION</b>	This is a Unit Standards based course designed to further increase students' knowledge about the hospitality industry. Two Certificates of Achievement are offered - Foundation Food & Beverage Skills and Barista, plus some Level 3 Unit Standards.
<b>ASSESSMENT</b>	Internally assessed Unit Standards moderated by the Hospitality Standards Institute at Levels 2 & 3
<b>PRE-REQUISITES</b>	Preferable to have studied Home Economics or Hospitality, but also open to anyone with a genuine interest in working in the hospitality industry