

# Year 11 Subject Selection



**Feilding High School**

# Year 11 English Overview

All Year 11 students must be in one of the three compulsory English courses at Year 11: 11 English - 11ENG, 11 English Studies - 11EST, 11 English Skills – 11ESK  
Students will sit the Literacy CAA at Y11.

## **English- 11ENG**

- Students who gain Achieved grades or higher throughout Year 10 English can expect to be placed in the 11 English class (11ENG) by their teacher.
- Students wanting to attend University should aim to be placed in the 11 English class (11ENG).

## **English Studies - 11EST**

- Students who have found aspects of the Year 10 English programme difficult may be placed in an 11 English Studies (11EST) class by their teacher.
- Students placed in 11 English Studies (11EST) will move into 12 English Studies (12EST) or 12 English Skills (12ESK). Students who show proficiency in this course may be placed in 12ENG at the HOF's discretion.
- Students should be aware that placement in an 11 English Studies class (11EST) may restrict some options available to them in Year 12 as some subjects require students to have taken the 11 English course (11ENG).

## **English Skills - 11ESK**

- The focus in this course will be achieving the 10 credits in Literacy required for the Level 1 NCEA certificate.

# Year 11 Mathematics Overview

All Year 11 students will be placed in to one of the three compulsory Mathematics courses.

- Year 11 Mathematics – 11MAT
- Year 11 Mathematics Studies - 11MST
- Year 11 Mathematics Skills - 11MSK.

This decision will be made by the Head of Faculty Mathematics based on Year 10 Mathematics results, classroom teacher recommendations, and discussions between teacher and student.

If a student is aiming to take the Year 12 Mathematics (12MAT), 12 Chemistry (12CHE), 12 Physics (12PHY), 13 Calculus (13CAL), 13 Statistics (13STA), 13 Mathematics (13MAT), 13 Chemistry (13CHE) or 13 Physics (13PHY) courses they should aim to be in the 11 Mathematics course (11MAT).

## **Mathematics – 11MAT**

- 11MAT provides students with a solid foundation in mathematical concepts and skills that are essential for various aspects of daily life and future academic pursuits. It is designed to enhance problem-solving abilities and mathematical literacy that prepares students for a higher level of study.
- Students explore fundamental areas such as algebra, geometry, trigonometry, number and statistics. They learn to solve equations, work with geometric shapes, understand the properties of numbers, and analyse data using statistical and probabilistic methods.
- To be placed in 11 Mathematics (11MAT), students must achieve well in all assessments, especially in the end of year examination.
- Students need to have particularly good results in Number and Algebra if they are going to succeed in the 11 Mathematics (11MAT) course.
- You can enter any Year 12 Mathematics course from 11MAT.
- Science courses in Year 12 also have a range of entry requirements, many of which require students to obtain certain levels, such as being in Year 12 Mathematics (12MAT). This can only be reached if you are in 11MAT. For all Sciences the 11MAT course best prepares students to have success.

## **Mathematics Studies - 11MST**

- This course aims to equip students with solid mathematical skills. It fosters critical thinking, logical reasoning, and problem-solving abilities that are valuable in a wide range of professions.
- Students can progress into Year 12 Mathematics Studies only from this course.

## **Mathematics Skills - 11MSK**

- The focus in this course will be developing foundational Maths skills and increasing financial literacy capabilities.
- The main goal in 11MSK will be to achieve the 10 credit Numeracy corequisite required for gaining any NCEA certificate.
- You cannot progress into Year 12 Mathematics from this course.

# Year 11 Science Overview

All Year 11 students will be placed in one of the three compulsory Science courses: 11 Science (11SCI), 11 Science Studies (11SCST), 11 Science Skills (11SCSK).

There is also one optional 11 Science course offered: 11 Chemistry-Biology-Physics (11CBP). Students may choose this option only if they are enrolled in the 11 Science (11SCI) course.

Students need to consider their possible career pathways and the requirements for tertiary study to ensure their subject choices are suitable. Many career options such as agriculture, horticulture, engineering, armed forces, health sciences (e.g., both animal and human including nursing, vet nursing, vet, physiotherapy, dietician etc.) require some science at Year 12 and / or Year 13. Check with the tertiary provider or the school's Careers Advisor.

## Science - 11SCI

- To be placed in 11 Science (11SCI), students must achieve well in ALL Year 10 assessments and the end of year examination.
- To be able to take any of the senior sciences (Biology, Chemistry or Physics), students must successfully complete the 11 Science (11SCI) course. As well as:
- 12 Biology (12BIO) requires students to have passed the section of 11SCI related to biology.
- 12 Chemistry (12CHE) requires students to have passed the section of 11SCI related to chemistry. The course requires reasonable algebra skills.
- 12 Physics (12PHY) requires students to have passed the section of 11SCI related to physics. This course requires reasonable algebra and trigonometry skills. Year 12 Mathematics (12MAT) or 12 Mathematics Studies (12MST) is a co-requisite. To progress from 12 Physics (12PHY) to 13 Physics (13PHY) students must have completed the 12 Mathematics (12MAT) course.

## Science Studies - 11SCST

- Students can only continue from 11 Science Studies (11SCST) into 12 Biology, Physics or Chemistry if they have successfully completed the 11 Science assessments to a high level and with the discretion of the teacher in charge of each senior subject. Students that complete the 11 Science Studies programme will gain automatic entry into the Year 12 Science course (12SCI).

## Science Skills - 11SCSK

- Depending on a student's achievement in this course, they may progress into 11 Science (11SCI) the following year.

# Arts

Drama - 11DRA	
<b>Entry Requirements</b>	Year 9 or 10 Drama preferable but not essential
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Performance of a theatre form</li> <li>• Use creative strategies to devise and perform original drama</li> <li>• Performance of a Production</li> <li>• Theatre technologies (lighting, costume, props)</li> <li>• History of Theatre</li> <li>• Reflection and documentation of process</li> </ul>
<b>Assessment</b>	To be confirmed
<b>Extra Conditions</b>	Extra rehearsal time outside of class may be required for some performances. They will be required to provide some basic costuming (such as stage blacks) for some performances.

Music - 11MUS	
<b>Entry Requirements</b>	Students must be taking lessons to learn an instrument, either through the school itinerant scheme or privately. Students should be involved in at least one of the school-based performance groups. Year 9 and 10 Music is recommended but not essential.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Solo Performance</li> <li>• Group Performance</li> <li>• Score reading and theory</li> <li>• Knowledge of Music Works (studying a piece of music and the band/composer who wrote it)</li> <li>• Composition and music technology</li> </ul>
<b>Assessment</b>	To be confirmed
<b>Extra Conditions</b>	Students must have a laptop and headphones.

Music Industry - 11MUI	
<b>Entry Requirements</b>	Students can take this course with minimal music performance experience, however, <b>MUST</b> be prepared to work in a group at times. Having a very good attendance record is required as most of this course consists of regular practical activities using music technology & equipment.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Operating music equipment for live sound &amp; performances</li> <li>• Operating lighting equipment for live performances</li> <li>• Recording and editing music in professional level music software</li> <li>• Writing and editing music in music notation software</li> <li>• Setting up and assisting live music productions</li> </ul>
<b>Assessment</b>	Unit Standards
<b>Extra Conditions</b>	Wired or wireless headphones or earphones are required. There are no costs for using professional music software on school computers.

**Visual Art - 11ART****Entry Requirements**

Year 9 or 10 Art is recommended but not essential.

**Course Content**

Students will cover the following topics:

- Drawing and Painting using mixed media
- Sculpture/3D
- Photography
- Graphic design

**Assessment**

To be confirmed

# Languages

English - 11ENG	
<b>Entry Requirements</b>	Students will have attained results of Achieved or higher in Year 10. These results need to be demonstrated in coursework and in the Year 10 end of year examination. Students are recommended for this course after consultation between their Year 10 English teacher and the Year 11 Dean.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"><li>• Reading, viewing and responding to a range of texts</li><li>• Formal and creative writing in a portfolio of work</li><li>• Research skills</li><li>• Essay writing</li><li>• Literacy</li></ul>
<b>Assessment</b>	To be confirmed

English Studies - 11EST	
<b>Entry Requirements</b>	This course is an intended pathway for students who will struggle to complete a full Level 1 NCEA English programme. Students are recommended for this course after consultation between their Year 10 English teacher and the Year 11 Dean.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"><li>• Read a range of different texts</li><li>• View a range of film genres</li><li>• Formal Writing</li><li>• Informal Writing</li><li>• Literacy</li></ul>
<b>Assessment</b>	To be confirmed

English Skills - 11ESK	
<b>Entry Requirements</b>	This course is for those students who find English demanding. Students are recommended for this course after consultation between their Year 10 English teacher and the Year 11 Dean.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"><li>• Read a range of different texts</li><li>• View a range of film genres</li><li>• Formal Writing</li><li>• Informal Writing</li><li>• Literacy</li></ul>
<b>Assessment</b>	To be confirmed

English language Learning - 11ELL	
<b>Entry Requirements</b>	Students are directed into the course as required
<b>Course Content</b>	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"> <li>• Communication Skills</li> <li>• Speaking, Reading and Listening Skills</li> <li>• Writing Skills</li> <li>• English Language unit standards from Foundation Level to Level 2 are on offer depending on the student's language ability.</li> <li>• Students will gain between 10 to 15 credits.</li> </ul>
<b>Assessment</b>	To be confirmed

French - 11FRE	
<b>Entry Requirements</b>	Year 10 French
<b>Course Content</b>	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"> <li>• Develop the four skills of: listening, speaking, reading and writing.</li> <li>• Learn and practice language skills in the following contexts – Family, home &amp; routine, health &amp; wellbeing, shopping &amp; eating out and the world around us.</li> <li>• Topics are subject to change.</li> </ul>
<b>Assessment</b>	To be confirmed
<b>Extra Conditions</b>	Students are required to purchase a Renash French Student Booklet – approximate cost is \$10.00

Japanese - 11JPN	
<b>Entry Requirements</b>	Year 10 Japanese
<b>Course Content</b>	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"> <li>• Places and directions, invitations and shopping, travel and schedules</li> <li>• Listening, speaking, reading, and writing skill development</li> <li>• Kanji recognition and use</li> </ul>
<b>Assessment</b>	Unit Tests, Spoken & Written Assessments, Listening & Reading Exams
<b>Extra Conditions</b>	Students are required to purchase Renash Japanese Student Booklet - approximate cost is \$10.00



**Te Reo Maori - 11MAO****Entry Requirements**

Year 10 Te Reo Māori (2 semesters or by consultation with HOD)

**Course Content**

Students will cover the following topics:

- Te Tika o te Reo, Te Rere o te Reo – Language accuracy and fluency
- Te Ora o te Reo – the impacts of historical events on te reo Māori
- Te Māori o te Reo – language that reflects a Māori world view
- Reading / Writing/Listening/Oral: Comprehend spoken Māori, convey messages in Māori, demonstrate good sentence structure.

**Assessment**

To be confirmed

**Extra Conditions**

\$10 to cover resource booklets

# Mathematics

Mathematics - 11MAT	
<b>Entry Requirements</b>	Students will be placed in 11MAT based on the quality of their Year 10 results, the recommendation made by their Year 10 Math's teacher, and the discretion of the Head of Faculty Mathematics. Students must have a good grounding in Number and Algebra.
<b>Course Content</b>	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"> <li>• Number</li> <li>• Algebra</li> <li>• Measurement</li> <li>• Geometry</li> <li>• Statistics</li> <li>• Probability</li> </ul> <p>This course aims to extend Mathematical skills, concepts and understanding. It develops students' problem solving and reasoning abilities. Students will apply their mathematical skills to familiar and unfamiliar situations. Students will be prepared for higher education opportunities.</p>
<b>Assessment</b>	<ul style="list-style-type: none"> <li>• In class, closed book assessments at the end of each topic.</li> <li>• 2-hour end of year exam covering the whole years' work.</li> </ul>
<b>Extra Conditions</b>	Students must have a scientific calculator. The Casio Graphics calculator is highly recommended (and is compulsory in 12MAT).

Mathematics Studies - 11MST	
<b>Entry Requirements</b>	Students will be placed in 11MAT based on the quality of their Year 10 results, the recommendation made by their Year 10 Math's teacher, and the discretion of the Head of Faculty Mathematics.
<b>Course Content</b>	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"> <li>• Number</li> <li>• Measurement</li> <li>• Geometry</li> <li>• Algebra</li> <li>• Statistics</li> <li>• Probability</li> </ul> <p>Students will continue to develop and build on the basic mathematical skills, concepts and understanding from Year 10. They will develop their problem solving and reasoning skills and apply them in various situations.</p>
<b>Assessment</b>	<ul style="list-style-type: none"> <li>• In class, closed book assessments at the end of each topic.</li> <li>• 2-hour end of year exam covering the whole years' work.</li> </ul>
<b>Extra Conditions</b>	Students must have a scientific calculator. The Casio scientific calculator is highly recommended.

**Mathematics Skills - 11MSK**

<b>Entry Requirements</b>	Students will be placed in 11MAT based on the quality of their Year 10 results, the recommendation made by their Year 10 Math's teacher, and the discretion of the Head of Faculty Mathematics.
<b>Course Content</b>	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"><li>• Number</li><li>• Measurement</li><li>• Geometry</li><li>• Statistics</li><li>• Probability</li><li>• Financial Literacy</li></ul> <p>This course prepares students for the standard required to achieve Numeracy.</p>
<b>Assessment</b>	<ul style="list-style-type: none"><li>• In class, closed book assessments at the end of each topic.</li><li>• Digital Numeracy Assessment.</li></ul>
<b>Extra Conditions</b>	<ul style="list-style-type: none"><li>• Students must have a scientific calculator. The Casio scientific calculator is highly recommended.</li><li>• This course does NOT progress into Year 12.</li></ul>

# Physical Education

## Physical Education and Health - 11PEH

<b>Entry Requirements</b>	High level of participation in Year 10 Physical Education & Health, or by approval of HOF.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Reflection on participation in a range of physical activities</li> <li>• Responsible behaviour in outdoor education activities</li> <li>• Demonstration of interpersonal skills through sport</li> <li>• Practical performance of a physical activity</li> </ul>
<b>Assessment</b>	Students will be assessed in each of the topics listed above, with assessment ranging from physical performance, on-going reflections and a written report.
<b>Extra Conditions</b>	This course is predominantly practical with some theory lessons where needed. Students are required to have FAHS PE gear or FAHS Sports gear for practical lessons. Outdoor Education Trip - \$TBC

## Sport Science - 11SPS

<b>Entry Requirements</b>	A high level of positive participation in the Year 10 Physical Education & Health course is required.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Reflection on participation in a range of physical activities</li> <li>• Understanding of biophysical principles relating to sport</li> <li>• Demonstration of interpersonal skills through sport</li> <li>• Practical performance of a physical activity</li> </ul>
<b>Assessment</b>	Students will be assessed in each of the topics listed above, with assessment ranging from physical performance, on-going reflections and a written report. The assessment for Biophysical principles is particularly important for students wanting to choose 12SPS the following year.
<b>Extra Conditions</b>	<ul style="list-style-type: none"> <li>• This course has a balance of theory and practical activities. Participation in all practical activities is required. Term 2 is largely theory based.</li> <li>• Students are required to have FAHS PE gear or FAHS Sports gear for practical lessons.</li> <li>• Volleyball tournament at Arena Manawatu - \$20</li> </ul>

# Science

<b>Agricultural and Horticultural Science - 11AGHT</b>	
<b>Entry Requirements</b>	Students must pass the end of topic test in Year 10 Agriculture or Year 10 Horticulture, or at the discretion of the teacher in charge.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Production livestock science and management</li> <li>• Soil science and management</li> <li>• Pasture science and management</li> <li>• Geographic distribution and importance of primary production in New Zealand</li> <li>• Sustainable practices</li> <li>• Plant propagation techniques and management practices</li> </ul>
<b>Assessment</b>	2 internal research-based assessments, 2 end of year closed book exams.
<b>Extra Conditions</b>	Farm Duty, on a rostered basis, is available in Terms 1, 2 and 3 for all Year 11 students.

<b>Chemistry Biology Physics - 11CBP</b>	
<b>Entry Requirements</b>	Achievement in the Chemistry topic tests in the Year 10 Science course and in the end of year exam or at the discretion of the teacher in charge of 11CBP. Students must also be taking Year 11 Science (11SCI)
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Chemistry topics - Carbon Chemistry, Bonding and structure.</li> <li>• Physics topics - Wave behaviour and light, Electricity and DC motors</li> <li>• Biology topic - Micro-organisms</li> </ul>
<b>Assessment</b>	A mix of research based and exam style assessments.
<b>Extra Conditions</b>	Students are required to purchase 2 individual workbooks for the external standards from the stationery shop. Approximate cost is \$25.00.

<b>Primary Industries - 11PRI</b>	
<b>Entry Requirements</b>	Application process – a student selection process will be required to secure a place. Applications are available from Week 5, Term 3 and close Week 10, Term 3. Unfortunately, due to the nature of this course, some students will miss out on entry.
<b>Course Content</b>	Students will cover the following practical and theory topics: <ul style="list-style-type: none"> <li>• Introduction to Primary Industries</li> <li>• Horticulture: sowing seeds and cuttings</li> <li>• Livestock: check and report on livestock</li> <li>• Fencing: Identify fencing tools and practical fencing</li> </ul>
<b>Assessment</b>	21 credits (at level 2) working towards a New Zealand Certificate in Primary Industry Skills (Level 2)
<b>Extra Conditions</b>	Farm duty is on a rostered basis during Terms 1-3

**Primary Industries - 11PRI**

Students must sign a student contract upon acceptance into the course.

**Science - 11SCI**

<b>Entry Requirements</b>	Achievement in ALL of the topic tests in the Year 10 Science course and in the end of year exam, and at the discretion of the teacher in charge of Year 11 Science.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"><li>• Biology - Genetic variation and microorganisms</li><li>• Chemistry – Atomic structure and common chemical reactions</li><li>• Physics - Mechanics</li><li>• Earth Systems – Geological cycles</li></ul>
<b>Assessment</b>	To be confirmed
<b>Extra Conditions</b>	A workbook may be required but will be confirmed – approximate cost \$25

**Science Studies - 11SCST**

<b>Entry Requirements</b>	Achievement in most of the topic tests in the Year 10 Science course and at the discretion of the Teacher in Charge of Year 11 Science.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"><li>• Biology – Genetics and microorganisms impact on our everyday lives</li><li>• Chemistry – Atomic structure and chemistry of everyday life</li><li>• Physics – Applications of mechanics</li><li>• Earth Systems – Investigating geological cycles</li></ul>
<b>Assessment</b>	To be confirmed

**Science Skills - 11SCSK**

<b>Entry Requirements</b>	At the discretion of the Teacher in Charge of Year 11 Science in consultation with the Year 11 Dean
<b>Course Content</b>	Students will cover a number of science-based contexts with a primary focus of building numeracy and literacy skills. Contexts will include: <ul style="list-style-type: none"><li>• The nature of science</li><li>• Biology applications</li><li>• Chemistry reactions and applications</li><li>• Physics in everyday life</li><li>• Earth Systems – everyday events</li></ul>
<b>Assessment</b>	To be confirmed

# Social Science

Commerce - 11COM	
<b>Entry Requirements</b>	Open entry
<b>Course Content</b>	<p>This combined course allows students to explore principles, processes, and systems related to accounting, economics and business studies.</p> <ul style="list-style-type: none"> <li>• The Accounting Unit covers: Accounting concepts, decision making, statements and cash management</li> <li>• The Economics Unit covers: Economic concepts, consumer and producer choices, production and costs and benefits</li> <li>• The Business Studies Unit covers: Business activities, human resources, internal &amp; external features and market research</li> </ul>
<b>Assessment</b>	<ul style="list-style-type: none"> <li>- Decision Making Assessment</li> <li>- End of Topic Tests X2</li> <li>- Circular Flow Assessment</li> <li>- Business Studies Assessment</li> </ul>
<b>Extra Conditions</b>	A calculator

Geography - 11GEO	
<b>Entry Requirements</b>	Open Entry
<b>Course Content</b>	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"> <li>• Explore an environment using data: Oroua River</li> <li>• Spatial distribution of Phenomena: Pacific Ring of Fire/Australian Population.</li> <li>• How natural processes shape an environment: Rivers and Manawatu gorge.</li> <li>• Decision-making for a geographic challenge: Flood mitigation in Westport.</li> <li>• Big ideas of Te taiao (the environment) and nga tanga (people) and the relationship between them will be woven through the course.</li> </ul>
<b>Assessment</b>	To be confirmed
<b>Extra Conditions</b>	There will be 2 optional one-day field trips - approximate cost is \$60.00

<b>History - 11HIS</b>	
<b>Entry Requirements</b>	Open Entry
<b>Course Content</b>	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"> <li>• The Holocaust and its significance to the world.</li> <li>• The Black Civil Rights movement in the USA</li> <li>• Significant events to New Zealanders including the 1915 ANZAC landings at Gallipoli.</li> <li>• There will be a focus on important historical concepts such as significance, perspective, wāhi tapu, whakapapa, and mana weaved throughout each topic.</li> <li>• Concepts will be taught through both New Zealand case studies and international case studies.</li> </ul>
<b>Assessment</b>	<ul style="list-style-type: none"> <li>• An inquiry on the Holocaust</li> <li>• A report on the significance of the Gallipoli landings</li> <li>• A report examining different perspectives of an historical event</li> <li>• An end of year exam applying different concepts to an historical context</li> </ul>
<b>Extra Conditions</b>	Optional day trip to Te Papa, Wellington. Cost \$40 TBC

<b>Cultural and Social Issues in Society– 11CSI</b>	
<b>Entry Requirements</b>	Open entry
<b>Course Content</b>	<p>This course provides students with the opportunity to learn about cultural and social justice issues in the world today through:</p> <ul style="list-style-type: none"> <li>• exploring current social issues and human rights e.g. refugees, inclusion of diverse identities in sport, Black Lives Matter.</li> <li>• looking at different perspectives on current issues e.g. Make it 16, fast fashion.</li> <li>• examining decisions that are made concerning a contemporary issue e.g. FIFA</li> <li>• participating in a social action e.g. Just Zilch, Manchester House, Rotary.</li> </ul>
<b>Assessment</b>	<ul style="list-style-type: none"> <li>• An inquiry on a human rights issue</li> <li>• A report which explores various perspectives on a contemporary social issue</li> <li>• A portfolio on a social action</li> <li>• An End of Year Exam – skills based</li> </ul>



# Technology

Construction Trades - 11CTR	
<b>Entry Requirements</b>	Students wanting to take Year 11 Construction Trades must have taken Year 10 Hard Materials. Selection is also dependent on students being able to demonstrate both the necessary technical skills and a thorough understanding of health and safety in the workshop.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Use the design process to generate ideas</li> <li>• Produce outcomes using a combination of building and construction materials</li> <li>• Machine and Tool Use in the workshop</li> <li>• Laser Cutter and CNC Machining</li> <li>• Construction and Joinery Techniques</li> </ul>
<b>Assessment</b>	To be confirmed
<b>Extra Conditions</b>	\$110 to cover the cost of materials for take home projects

Graphics and Design - 11DVC	
<b>Entry Requirements</b>	It is recommended that students have previously taken Graphics and Design (DVC) in year 9 or 10 but it is not essential.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Study of a Designer</li> <li>• Product design</li> <li>• Freehand and instrumental drawing techniques</li> <li>• CAD Drawing and Modelling</li> <li>• 3D Printing</li> </ul>
<b>Assessment</b>	To be confirmed

Digital Technology - 11DTE	
<b>Entry Requirements</b>	Year 10 Digital Technology or an ability to prove a reasonable understanding of computer programming
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Basic Programming skills</li> <li>• Develop a Computer System</li> <li>• Computer Science</li> <li>• Computer Programming</li> <li>• Developing a digital outcome to manage data</li> </ul>
<b>Assessment</b>	To be confirmed

<b>Engineering - 11TEN</b>	
<b>Entry Requirements</b>	Students wanting to take Year 11 Engineering must have taken Year 10 Hard Materials. Selection is also dependent on students being able to demonstrate both the necessary technical skills and a thorough understanding of health and safety in the workshop.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Machining and fabrication skills</li> <li>• Constructing a Push Scooter</li> <li>• Generating ideas around construction</li> <li>• Welding and manufacture</li> <li>• Solving problems using a combination of resistant materials</li> </ul>
<b>Assessment</b>	To be confirmed
<b>Extra Conditions</b>	\$110 to cover the cost of materials in take home projects

<b>Food and Nutrition - 11FNU</b>	
<b>Entry Requirements</b>	To be successful in this course students require a good foundation of numeracy and literacy. Year 10 Food Technology is advisable with success in the research assessment OR entry may be granted at the discretion of TIC.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Food Safety and Cultural food</li> <li>• Hauora</li> <li>• Nutritional needs</li> <li>• Strategies for Wellbeing in New Zealand food and nutrition context</li> <li>• Food investigation</li> </ul>
<b>Assessment</b>	Research assessment on Cultural foods and eating patterns. Show the ability to identify the nutritional needs of an individual and prescribe an appropriate diet for their energy needs. Understanding of Hauora and how it can be enhanced. Investigation of the properties of ingredients in baked goods.

<b>Hospitality - 11HOS</b>	
<b>Entry Requirements</b>	Open Entry
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Students will learn to prepare and present a wide range of dishes using: fruit and vegetables; meat, eggs and cheese; sauces and soups; cakes, sponges and scones; and hot finger food</li> <li>• Knife Skills</li> <li>• Mocktails</li> </ul>
<b>Assessment</b>	NCEA Level 1 Unit Standards

<b>Textiles - 11TTE</b>	
<b>Entry Requirements</b>	Although it is an advantage to have studied Textiles previously, it is not necessary to have taken Textiles at Years 9 and 10.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Basic construction skills (eg, seams, zips, darts)</li> <li>• Use and adaptation of commercial patterns</li> <li>• The design process- from idea to prototype</li> <li>• Design and make garments for a purpose</li> </ul>
<b>Assessment</b>	Conceptual design Basic practical skills Using a commercial pattern Developing and making a prototype
<b>Extra Conditions</b>	Students need to provide Fabrics for Take home projects