

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 NCEA certificate.

Year 11 Mathematics Overview

All Year 11 students will be placed into 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 any Year 12 Mathematics 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, as well as NCEA literacy and numeracy.
- 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	
Entry Requirements	Year 9 or 10 Drama preferable but not essential
Course Content	Students will cover the following topics: • Performance of a theatre form • Use creative strategies to devise and perform original drama • Performance of a Production • Theatre technologies (lighting, costume, props) • History of Theatre • Reflection and documentation of process
Extra Conditions	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	
Entry Requirements	Students must be taking lessons to learn an instrument, either through the school itinerant scheme (no cost for 11MUS students) or privately. Students are recommended to be involved in at least one of the school-based performance groups. Year 9 and 10 Music is recommended but not essential.
Course Content	Students will cover the following topics: • Solo Performance • Group Performance • Score reading and theory • Knowledge of Music Works (studying a piece of music and the band/composer who wrote it) • Composition and music technology
Extra Conditions	Students must have a laptop and headphones.

Music Industry - 11MUI	
Entry Requirements	Students can take this course with minimal music performance experience; however, they need to 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.
Course Content	Students will cover the following topics: • Operating music equipment for live sound & performances • Operating lighting equipment for live performances • Recording and editing music in professional level music software • Writing and editing music in music notation software • Setting up and assisting live music productions
Extra Conditions	Wired or wireless headphones or earphones are required. Students also need their own USB to save their work on. 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 • Digital illustration

Languages

English - 11ENG

Entry Requirements	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.
Course Content	Students will cover the following topics: • Reading, viewing and responding to a range of texts • Formal and creative writing in a portfolio of work • Research skills • Essay writing • Literacy

English Studies - 11EST

Entry Requirements	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.
Course Content	Students will cover the following topics: • Read a range of different texts • View a range of film genres • Formal Writing • Informal Writing • Literacy

English Skills - 11ESK

Entry Requirements	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.
Course Content	Students will cover the following topics: • Read a range of different texts • View a range of film genres • Formal Writing • Informal Writing • Literacy

English language Learning - 11ELL	
Entry Requirements	Students are directed into the course as required
Course Content	Students will cover the following topics: • Communication Skills • Speaking, Reading and Listening Skills • Writing Skills • English Language unit standards from Foundation Level to Level 2 are on offer depending on the student's language ability. • Students will gain between 10 to 15 credits.

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. Topics will include Whānau, Kura, Hākinakina, Ngā mahi ā Rēhia, Kauwhatatanga, Kiingitanga, Poowhiri, Karanga, Whaikoorero.
Extra Conditions	\$10 to cover resource booklets

Te Ao Haka – 11HAKA	
Entry Requirements	The core of this subject is Maaori performing arts focused, therefore a willingness to perform and participate in kapa haka is strongly encouraged. This course does not require knowledge of Te Reo Maaori, however a basic understanding & prior knowledge of Te reo & tikanga Maaori would be an advantage.
Course Content	Foundation Maaori Performing Arts – Basics of kapa haka. Ngaa Taakaro Maaori – Pastime games. Mau Raakau – Traditonal Maaori Weaponry. Te Ao Haka – Kapa Haka. Kauwhatatanga, Kiingitanga, Koroneihana & Poukai. Poowhiri, Karanga, Whaikoorero. Whakaaturanga – Performance & skits.

Mathematics

Mathematics - 11MAT

Entry Requirements	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.
Course Content	Students will cover the following topics: • Number • Algebra • Measurement • Geometry • Statistics • Probability 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.
Extra Conditions	Students must have a scientific calculator. The Casio Graphics calculator is highly recommended (and is compulsory in 12MAT).

Mathematics Studies - 11MST

Entry Requirements	Students will be placed in 11MST 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.
Course Content	Students will cover the following topics: • Number • Measurement • Geometry • Algebra • Statistics • Probability 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.
Extra Conditions	Students must have a scientific calculator. The Casio scientific calculator is highly recommended.

Mathematics Skills - 11MSK

Entry Requirements	Students will be placed in 11MSK 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.
Course Content	Students will cover the following topics: • Number • Measurement • Geometry • Statistics • Probability • Financial Literacy This course prepares students for the standard required to achieve Numeracy.
Extra Conditions	• Students must have a scientific calculator. The Casio scientific calculator is highly recommended. • This course does NOT progress into any Year 12 Mathematics Course.

Physical Education

Physical Education and Health - 11PEH

Entry Requirements	High level of participation in Year 10 Physical Education & Health, or by approval of HOF.
Course Content	Students will cover the following topics: • Demonstration of interpersonal skills to promote kotahitanga through sport (Volleyball) • Practical performance of a physical activity (Turbo Touch) • Influences of movement experiences on personal Hauora/well-being (Badminton) • Learn to lead – Basic leadership concepts & social responsibility (Coaching)
Extra Conditions	• 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. • Volleyball tournament at Arena Manawatu - \$20

Sport Science - 11SPS

Entry Requirements	A high level of positive participation in the Year 10 Physical Education & Health course is required.
Course Content	Students will cover the following topics: • Reflection on participation in a range of physical activities • Understanding of biophysical principles, sociocultural, te ao maori factors relating to sport and physical activity. (Range of activities) (External). • Demonstration of interpersonal skills to promote kotahitanga through sport (Volleyball) (Internal). • Practical performance of a physical activity (Turbo Touch) (Internal).
Extra Conditions	• This course has a balance of theory and practical activities. Participation in all practical activities is required. The biophysical unit is largely theory based. • Students are required to have FAHS PE gear or FAHS Sports gear for practical lessons. • Volleyball tournament at Arena Manawatu - \$20

Science

Agricultural and Horticultural Science - 11AGHT

Entry Requirements	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.
Course Content	Students will cover the following topics: • Life processes in livestock and plants • Soil properties and management • Environmental impacts of agriculture and sustainability
Extra Conditions	Farm Duty, on a rostered basis, is available in Terms 1, 2 and 3 for all Year 11 students.

Chemistry Biology Physics - 11CBP

Entry Requirements	Achievement in the Biology and 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)
Course Content	Students will cover the following topics: • Chemistry topics - Carbon Chemistry, Bonding and structure. • Physics topics - Wave behaviour and light, Electricity • Biology topic - Micro-organisms
Extra Conditions	Students are required to purchase 2 individual workbooks for the NCEA standards from the stationery shop. Approximate cost is \$25.00.

Primary Industries - 11PRI

Entry Requirements	Application process – a student selection process will be required to secure a place. Applications are available from Week 5, Term 3 and close Week 8, Term 3. Due to the nature of this course, some students will miss out on entry.
Course Content	Students will cover the following practical and theory topics: • Introduction to Primary Industries • Horticulture: sowing seeds and cuttings • Livestock: check and report on livestock • Fencing: Identify fencing tools and practical fencing
Extra Conditions	Students will be required to complete 6 days of farm placement throughout Term 1-3 as part of this course. The farm placement must link to the livestock standard. Students must sign a student contract upon acceptance into the course.

Science - 11SCI	
Entry Requirements	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.
Course Content	Students will cover the following topics: • Biology - Genetic variation • Chemistry – Atomic structure and common chemical reactions • Physics - Mechanics
Extra Conditions	A workbook will be required - approximate cost \$25

Science Studies - 11SCST	
Entry Requirements	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.
Course Content	Students will cover the following topics: • Ecology – Exploring the health of our local stream through investigation • Earth Systems – Human-induced change to the Earth's spheres • Biology – Life processes and microorganisms • Physics – Heat and its application in everyday life
Extra Conditions	A workbook will be required - approximate cost \$12

Science Skills - 11SCSK	
Entry Requirements	At the discretion of the Teacher in Charge of Year 11 Science in consultation with the Year 11 Dean
Course Content	Students will cover a number of science-based contexts with a primary focus of building numeracy and literacy skills. Students will cover the following topics: • Ecology – Exploring the health of our local stream through investigation • Earth Systems – Human-induced change to the Earth's spheres • Biology – Life processes and microorganisms • Physics – Heat and its application in everyday life
Extra Conditions	A workbook will be required - approximate cost \$12

Social Science

Commerce - 11COM	
Entry Requirements	Open entry
Course Content	This combined course allows students to explore principles, processes, and systems related to Accounting, Economics and Business Studies. • The Accounting Unit covers: Accounting concepts, decision making, statements and cash management • The Economics Unit covers: Economic concepts, consumer and producer choices, production and costs and benefits • The Business Studies Unit covers: Business activities, human resources, internal & external features and market research
Extra Conditions	A calculator

Geography - 11GEO	
Entry Requirements	Open Entry
Course Content	Students will cover the following topics: • River processes and data collection along the Oroua River • Spatial distribution of Phenomena: Pacific Ring of Fire/Australian Population. • How natural processes shape an environment: The Manawatū gorge / Fiordland. • Investigating a geographic challenge: Flood mitigation in Westport / timber milling in the Solomon Islands. • Big ideas of Te taiao (the environment) and ngā tangata (people) and the relationship between them will be woven through the course.
Extra Conditions	A day fieldtrip to 4 sites along the Oroua river- free of charge

History - 11HIS	
Entry Requirements	Open Entry
Course Content	Students will cover the following topics: • The Holocaust and its significance to the world. • The Black Civil Rights movement in the USA • Significant events to New Zealanders including the 1915 ANZAC landings at Gallipoli. • There will be a focus on important historical concepts such as significance, perspective, wāhi tapu, whakapapa, and mana weaved throughout each topic. • Concepts will be taught through both New Zealand case studies and international case studies.
Extra Conditions	

Technology

Construction Trades - 11CTR

Entry Requirements	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.
Course Content	Students will cover the following topics: • Use the design process to generate ideas • Produce outcomes using a combination of building and construction materials • Machine and Tool Use in the workshop • Laser Cutter and CNC Machining • Construction and Joinery Techniques
Extra Conditions	\$110 to cover the cost of materials for take home projects

Design and Visual Communication (Graphics) - 11DVC

Entry Requirements	It is recommended that students have previously taken DVC in year 9 or 10 but it is not essential.
Course Content	Students will cover the following topics: • Study of a Designer • Product design • Freehand and instrumental drawing techniques • CAD Drawing and Modelling • 3D Printing

Digital Technology – 11DTE

Entry Requirements	Successful completion of 10DTE would be advantageous but not essential. A liking for coding and wanting to learn how computer games are made is more important.
Course Content	Students will cover the following topics: • Coding simple text games using Python • Game Design Principles and Development Processes (2D Games) • Simple Artificial Intelligence of Mobile Objects in Games • Basic Project Management Principles Applied to Game Development
Extra Conditions	11DTE is a BYOD based subject therefore students will have to bring their own laptop to class.

Engineering - 11TEN	
Entry Requirements	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.
Course Content	Students will cover the following topics: • Machining and fabrication skills • Constructing a Push Scooter • Generating ideas around construction • Welding and manufacture • Solving problems using a combination of resistant materials
Extra Conditions	\$110 to cover the cost of materials in take home projects

Food and Nutrition - 11FNU	
Entry Requirements	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 written assessments OR entry may be granted at the discretion of TIC.
Course Content	Students will cover the following topics: • Food Safety and Cultural food • Using a model of health to understand Hauora • Nutritional needs of adolescents • Strategies to enhance Hauora in a food and nutrition context

Hospitality - 11HOS	
Entry Requirements	Open Entry
Course Content	Students will cover the following topics: • 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 • Knife Skills • Terminology

Textiles - 11TTE	
Entry Requirements	Year 9 or 10 Textiles is strongly advised to ensure success. Students may enter at the discretion of the TIC if they can show they have basic sewing knowledge and skills. For example, they can independently set up a machine and sew a seam.
Course Content	Students will cover the following topics: • Basic construction skills (eg, seams, zips, darts) • Use and adaptation of commercial patterns • The design process- from idea to prototype • Design and make garments for a purpose
Extra Conditions	Students need to provide Fabrics for Take home projects

