

Year 12 Subject Selection



Feilding High School

Arts

Art Painting – 12ARP	
Entry Requirements	Acceptable performance in Year 11 Art. If Art was not taken in Year 11, entry is at the discretion of TiC/HOD.
Course Content	- Students will produce paintings which develop in order to clarify and extend their ideas. Students will be assessed on their ability to critically analyse, evaluate, and further develop a concept, subject matter, problem or situation by way of using methods appropriate to established practice. - Students can work with a variety of media to suit individual strengths and interests.
Assessment	Internal: 8, External: 12

Art Sculpture – 12ARS	
Entry Requirements	Acceptable performance in Year 11 Art. If Art was not taken in Year 11, entry is at the discretion of TiC/HOD.
Course Content	- Students will develop ideas using drawing conventions relevant to sculpture, along with supporting notes, based on a theme. Students will be assessed on their ability to demonstrate their skills with appropriate media and techniques. - Students will need to critically select and use particular processes, materials and techniques. Materials explored may include, but are not limited to: wire, light, clay, ice, silicone, found objects, glass and fabric.
Assessment	Internal: 8, External: 12

Art Digital – 12ARD	
Entry Requirements	Acceptable performance in Year 11 Art. If Art was not taken in Year 11, entry is at the discretion of TiC/HOD.
Course Content	- Art Digital incorporates digital illustration and photography in the context of graphic design. - Students will learn to use Adobe creative software such as Photoshop to create digital artworks using the design process. - Students will create a range of branding and marketing material within the context of their choosing, for example, promotional or gaming/character design. - Students can work with a variety of media to suit individual strengths and interests.
Assessment	Internal: 8, External: 12

Photography – 12PHO	
Entry Requirements	Acceptable performance in Year 11 Art. If Art was not taken in Year 11, entry is at the discretion of TiC/HOD.
Course Content	• Using a camera, exposure. • Editing techniques using Adobe creative software such as Photoshop, InDesign and Bridge. • Generate meaningful imagery which explores conceptual photographic art-making techniques within a context of their own choosing.
Assessment	Internal: 8, External: 12
Extra Conditions	Cameras are provided.

Drama – 12DRA	
Entry Requirements	Has met the standard at Level 1 in the Class Production and one other standard from 11 Drama, or in consultation with TIC
Course Content	Students will cover the following topics: • Practical workshops • Performance • Theatre forms/genre • History of Theatre • Devising • Live theatre viewing • Production experience
Assessment	Internal: 14, External: 4
Extra Conditions	Extra rehearsal outside of class time is required. Students will be required to provide some basic costuming.

Music – 12MUS	
Entry Requirements	Students must be taking lessons to learn an instrument, either through the school itinerant scheme or privately. Itinerant lessons for the Solo Performance instrument (and second instrument) come at no cost. Students must be working towards at least Grade 4 in theory and performance OR have passed the Solo Performance assessment and one other assessment at Level 1. Students are encouraged to be involved in at least one of the school-based performance groups.
Course Content	Students will cover the following topics: • Solo performance (compulsory) • Instrumentation (compulsory) • Score reading and theory (external - compulsory) • <i>Knowledge of music works (external – optional)</i> • <i>Composition – only if student is already composing music - optional</i> • <i>Group performance – may only be done in extracurricular music - optional</i> • <i>Second Instrument Solo Performance - optional</i>
Assessment	Internal: 10, External: 4 <i>plus any other optional standards completed</i>
Extra Conditions	Students must do Solo performance and at least one of the two externals – they may then choose from other available standards to complete their programme up to 20 credits. Students must have a laptop and headphones

Music Industry – 12MUI

Entry Requirements	Open entry for students who have achieved NCEA Level 1. Students can take this course with minimal music performance experience; however, students need to be prepared to work in a group at times. Entry into the Year 12 Music Industry course is at the discretion of the Head of Department Music. Students use industry specific equipment and the computer programme Logic Pro X.
Course Content	Students will cover the following topics: • Recording music • Mixing and to editing in music software • Operating equipment for live sound & performances • Developments in music technology • Working in music industries • The New Zealand Music Industry
Assessment	Internal: 16
Extra Conditions	Wired or wireless headphones or earphones are required. A personal USB device is also required for saving work. There are no costs for using professional music software on school computers.

Languages

English – 12ENG	
Entry Requirements	Must pass at least 3 Assessment tasks from 11ENG, including one of the exam standards.
Course Content	Students will cover the following topics: • Unfamiliar Texts • Writing Portfolio • Film and/or Novel (The above is subject to minor changes)
Assessment	Internal: 10, External: 8

English Studies – 12EST	
Entry Requirements	Students must pass at least two assessments from 11 English A or 11 English Studies
Course Content	Students will cover the following topics: • Reading Responses • Research • Writing for a Purpose • Connections Across Texts • Letter Writing • Film Scene Analysis
Assessment	Internal: up to 20

English Skills – 12ESK	
Entry Requirements	By discretion of HOF/TIC
Course Content	Students will cover some of the following topics: • Reading Responses • Research • Writing for a Purpose • Connections Across Texts • Letter Writing • Film Scene Analysis
Assessment	Internal: up to 20 credits

English Language Learning – 12ELL

Entry Requirements	Students are directed into the course as required
Course Content	Students will cover the following topics: • English for Academic purposes • Academic essay writing
Assessment	Internal: 21-26

Media Studies – 12MED

Entry Requirements	Previous Media Studies experience is helpful but not required. If students have not taken 10MED, being in 12ENA is highly recommended as most of our assessments and our exams are essay based.
Course Content	Students will cover the following topics: • Designing and producing a podcast episode • Crafting written media products E.g. scripts • Conducting a film genre study for the external E.g. horror
Assessment	Internal: 13, External: 4

Te Reo Māori – 12MAO

Entry Requirements	Year 10 and 11 Te Reo Māori. Competence in Kōrero and Tuhituhi.
Course Content	Students will cover and develop skills in the following topics: • formal writing • persuasive writing • retelling and recounting • creative writing • Tikanga marae and aspects of Te Ao Māori Possible Kaupapa: <i>Iwi stories, Ōku whāinga/moemoeā, He tangata rongonui, Te Ao o te rangatahi, Ngā Pakanga o Aotearoa, Poowhiri, Karanga, Whaikoorero.</i>
Assessment	Internal: 16, External: 6

Te Ao Māori – 12HAKA

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.
Assessment	Internal: 10 credits. External: 10 credits. (an additional 15 credits are available for students of Kapa Haka who perform at Pae Taiohi).

Mathematics

Mathematics – 12MAT

Entry Requirements	Students will be placed in 12MAT based on the quality of their Year 11 Maths results. This will include... • 10 credits from 11MAT. This requires passing the internal (1.2 Mathematical Methods), as well as passing the external exam (1.4 Mathematical Reasoning). • Be recommended by their Year 11 Math's teacher. If these conditions are not met, then it is at the discretion of the Head of Faculty Mathematics.
Course Content	Students will cover the following topics: • Algebra • Calculus • Probability • Trigonometry • Geometry
Assessment	Internal: 5 External: 13
Extra Conditions	A Graphics calculator is compulsory. The Casio Graphics calculator is our recommendation.

Mathematics Studies – 12MST

Entry Requirements	Students will be placed in 12MST based on the quality of their Year 11 Maths results. This will include... • Either 10 credits from 11MAT which must include passing the external exam (1.4 Mathematical Reasoning) or 10 credits from 11MST which must include passing the external exam (1.3 Statistics) • Be recommended by their Year 11 Math's teacher. If these conditions are not met, then it is at the discretion of the Head of Faculty Mathematics.
Course Content	Students will cover the following topics: • Networks • Probability Methods • Trigonometry • Experiments • Coordinate Geometry • Statistical Inferences
Assessment	Internal: 14 External: 4

Mathematics Studies – 12MST	
Extra Conditions	A Graphics calculator is highly recommended. The Casio Graphics calculator is our recommendation. If a student does not have a graphics calculator they must have a scientific calculator.

Physical Education and Health

Health – 12HLT	
Entry Requirements	Passed 11 English or at the discretion of the TIC of Health. Not suitable for students who have taken 11ESK.
Course Content	Students will cover the following topics: • Resilience • Sexuality – the portrayal of women or men in popular culture • Analyse a health issue – may include vaping, alcohol misuse, stress and anxiety. • Hauora, attitudes & values, socio-ecological perspective • Health promotion within the local community
Assessment	Internal: 15 External: 5
Extra Conditions	Students are required to participate in a placement at a local rest home where they implement strategies to improve the wellbeing of others. Support and approval of the placement is provided by the teacher.

Physical Education – 12PED	
Entry Requirements	High level of participation in Year 11 PEH, or by approval of HOF.
Course Content	Students will cover the following topics: • Compete in the Year 12 Ngākaunui Challenge Race • Train to improve your performance in the challenge using principles and methods of training • Leadership and coaching in teams – working with others and demonstrating leadership skills • Social responsibility – cooperate and demonstrate responsibilities being part of a team during problem solving
Assessment	Internal: 15
Extra Conditions	Students are required to have PE gear or FAHS Sports gear for practical lessons.

Outdoor Adventure – 12ODA	
Entry Requirements	Students are required to apply for a place on this course. Places are limited due to the course's nature. The cost of the camps is \$550.00. The application form is to be collected from the front office, signed, and returned to the front office by Monday 21st September Term 3 Week 10. Successful applicants will be contacted by Friday 25th September and a \$100 deposit needs to be paid by Friday 16th October. The remaining \$450 needs to be paid by November 27th, 2026.
Course Content	Students will cover a selection of the following topics: • Kayaking in the pool • Mountain biking • Risk management in the outdoors

Outdoor Adventure – 12ODA	
	• Bushcraft, tramping, navigation and camping • Rock climbing • Snowboarding
Assessment	Internal: 20-22
Extra Conditions	An appropriate level of physical fitness and willingness to be involved in practical activities is required. Food and clothing are not included; students must provide these for themselves. Specialist equipment is provided by the school.

Sport Science – 12SPS	
Entry Requirements	Students must pass the biophysical (anatomy, biomechanics & physiology) unit and have a high level of participation in all units of work in Year 11SPS, or by HOF approval.
Course Content	• Students will cover the following topics: • Anatomy and Biomechanics in a sport • Ngākaunui Challenge – train to improve your performance using principles and methods of training • Examine a sporting event and the impact this has on self, others and society this is done by participating in the Tough Guy/Gal event in Wellington. There is an approximate cost of \$75 for this trip. • Practical demonstration of skill in a range of sports
Assessment	Internal: 17
Extra Conditions	Students are required to have PE gear or FAHS sports gear for all practical lessons.

Science

Agricultural and Horticultural Science – 12AGHT

Entry Requirements	Achieved grade on 3 out of 4 units from 11 Agricultural and Horticultural Science or at the discretion of the Teacher in Charge
Course Content	Students will cover the following topics: • Techniques to modify plant production • Growth and development of production livestock • Practical investigation • Livestock reproduction
Assessment	Internal: 8, External: 8
Extra Conditions	Optional field trip

Biology – 12BIO

Entry Requirements	Achievement in at least 4 assessments in Year 11 Science, must include the Biology school exam (Year 11 English results will be taken into account), OR at the discretion of the Teacher in Charge.
Course Content	Students will cover the following topics: • Diversity of animal adaptations • Cell biology • Practical biological investigation • Genetics, gene expression and evolution • Analysis of biological information
Assessment	Internal: 7, External: 12
Extra Conditions	SciPad workbook required – available for purchase from school stationery shop.

Chemistry – 12CHE

Entry Requirements	Must achieve Chemistry section of school exam and CB1.2. Must have reasonable maths skills. At the discretion of the TIC in all other cases.
Course Content	Students will cover the following topics: • Chemistry in a current technology • Redox reactions • Chemical reactivity • Structure and bonding • Organic chemistry
Assessment	Internal: 6, External: 12
Extra Conditions	Scipad workbooks required- purchase from stationary shop

Physics – 12PHY	
Entry Requirements	Achievement in most assessments in Year 11 Science, including the Physics practice test. At discretion of the Teacher in Charge in all other cases AND reasonable Year 11 Mathematics achievement. 12 Mathematics or 12 Mathematics Studies is a co-requisite.
Course Content	Students will cover the following topics: • Kinematics and dynamics - analysing motion, collisions, projectiles, circular motion, springs, force and energy • Electricity and electromagnetism - basic principles of electrical circuits, electric fields and electromagnetism. • Light and waves – reflection, refraction, diffraction, interference. • Atomic and nuclear physics
Assessment	Internal: 6, External: 12
Extra Conditions	Required: Physics Workbook - purchase from the stationery room.

Primary Industries – 12PRI	
Entry Requirements	At the discretion of the Teacher in Charge, which will be based upon the previous year's work, behaviour and achievement. Due to the nature of the course, student selection processes will be required to secure a place in the course in 2026.
Course Content	Students will cover the following topics: • Agricultural vehicles and machinery (block course) • Animal handling and treatment • Grazing and feed management • Health and Safety • Fencing • Milking or Dagging and crutching, depending on the work placement • If students wish to do Horticulture options, unit standards will be chosen in consultation with the employer and the Teacher in Charge
Assessment	Internal: 32 total but less 8 if sheep/beef or less 5 if dairy
Extra Conditions	• Students will be required to complete work experience one day per week from mid Term 1 to the end of the year. • Students may be required to complete a prescribed number of days of logged farm work in their own time. • It is a requirement of the ITO that students are drug tested prior to work experience. This will be coordinated by the school. • Students may only enter both 12 Primary Industries and 12 Agricultural Science after consultation with the Teacher in Charge. • Students and parents must sign a student contract outlining the student's commitment to their academic and practical work within the class. • Vehicle training courses will be run, and these are compulsory for each student to attend. • Must maintain 80% school attendance • Students may not take Gateway or U-Skills and Primary Industries.

Science – 12SCI	
Entry Requirements	Students must have received an achieved grade from most assessments in 11SCI or 11SCST OR received an achieved grade in all assessments in 11SCSK OR at the discretion of the Teacher in Charge.
Course Content	Students will cover the following topics: • Geological processes in the Manawatū • Analyse and report on validity of information presented to the public • Practical Earth and Space Science investigation • Survival in extreme environments • Understanding Extreme Earth Events in NZ
Assessment	Internal: 16, External: 4
Extra conditions	There is a field trip in Term 1 to assist with geological processes.

Social Science

Accounting – 12ACC	
Entry Requirements	Passed 11COM OR at the discretion of TiC
Course Content	Students will cover the following topics: • Prepare Financial Information • Accounting Subsystems – Accounts Receivable, Inventory • Xero (Accounting Software Package) • Analysis & calculations of financial data
Assessment	Internal: 10, External: 9
Extra Conditions	Students will be required to purchase a learning Workbook (approx. \$35).

Business Studies – 12BUS	
Entry Requirements	Passed 11COM or 11 Math, plus L1 literacy, OR at the discretion of TiC
Course Content	Students will cover the following topics: • Starting your own business, creating a business plan and selling a product/service to make a profit or provide a community service. • Conducting market research for your own business product, or a product/service of your choice • Understanding how the business operates from within (internal factors). • Understanding what occurs outside the business which may affect it (external factors).
Assessment	Internal: 12, External: 8
Extra Conditions	Required: Business Studies Homework Book. Students will be expected to carry out practical business activities outside of class-time during Term II and Term III.

Economics – 12ECO	
Entry Requirements	Passed 11COM or 11 Math or 11 Eng OR at the discretion of TiC
Course Content	Students will cover the following topics: • Inflation • Trade • Growth • Unemployment
Assessment	Internal:10, External: 8
Extra Conditions	Required: Workbook – approximate cost of \$25.00

Geography – 12GEO	
Entry Requirements	Good pass in 11 Geography, English or History OR at discretion of TIC.
Course Content	Students will cover the following topics: - Investigate a Natural Landscape- Tongariro Volcanic Centre - Geographic Skills- mapping, graphing and analysing data - Urban Patterns: Homicide in Chicago - Global Issues: Malaria - Research and Field work
Assessment	Internal: 11 External: 8
Extra Conditions	The course includes a 2-3 Day field trip to the Volcanoes in the Central North Island – approximate cost of \$190

History – 12HIS	
Entry Requirements	Passed 11 History or 11 English OR at discretion of TIC.
Course Content	Students will examine the following topics: - The major forces shaping today's world – nationalism, imperialism and diplomacy with a case study on the history of the Vietnam War and the part New Zealand played in this conflict. - The history of the Roman Empire – conflict, power and a focus on archaeology. - A case study on the Punic Wars in the Ancient World will be the basis of the school practice exam in term 3 and the NZQA exam at the end of the year - Major protest movements in New Zealand – an inquiry and a written report.
Assessment	Internal: 9, External: 5

Psychology – 12PSY	
Entry Requirements	Passed 11 History or 11 English and Level 1 Literacy or at the discretion of TIC
Course Content	Students will explore the following topics: - Examine different psychological approaches (psychodynamic, evolutionary, sociocultural and biological) and how they explain behaviour and our motivation to eat - The nature vs nurture debate and how it has changed over time - Ethics – What are they? Why do psychologists have to adhere to ethics? How are ethics different to morals? Famous unethical experiments – Harlow's monkey study, Stanford Prison experiment, Milgrim's obedience study and many more - How a psychological experiment is carried out and what it entails.
Assessment	Internal: 16

Social Studies – 12SSS	
Entry Requirements	Passed 11 Geography, 11 History, or 11 English or at the discretion of TIC.
Course Content	Students will cover the following topics: • Describe a social action that enables communities to meet responsibilities and exercise rights-The TMT on Mauna Kea. • Conduct a reflective social inquiry- The Manosphere/ Trad wives • Describe personal involvement in a social action related to rights and responsibilities- Mahi for the community e.g. collecting for a foodbank, planting native trees. • Conflict arising from different cultural beliefs and ideas e.g. Tourism on Mt Everest.
Assessment	Internal: 13, External: 5
Extra Conditions	There is an optional trip to Parliament in Wellington - approximate cost \$30

Tourism – 12TOU	
Entry Requirements	Level 1 literacy OR at the discretion of TiC
Course Content	Students will have the opportunity to explore a selection of the following topics, while also developing practical knowledge and skills: • Tourist characteristics and needs • Work roles in tourism • Tourism in New Zealand • World tourist destinations • Social, cultural and physical impacts of tourism • The business of tourist • Tourism related documents
Assessment	Internal: 20-23

Technology

Construction Trades (Formerly Building) – 12CTR

Entry Requirements	14 Credits from 11BUI or 11TEN
Course Content	Students will cover the following topics: • Communication in a BCATS Project • Timber and construction materials Knowledge • Reading and interpreting Plans and Drawings • Select, maintain, and use portable power tools • Constructing multiple resistant materials products linked to theory.
Assessment	Internal: 18 (BCATS Unit Standards)
Extra Conditions	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.

Design and Visual Communication (Graphics) – 12DVC

Entry Requirements	Achieved Year 11 DVC or at the discretion of the HOF
Course Content	Students will cover the following topics: • Spatial Design (Architecture) OR • Product Design • Freehand and Instrumental drawings. • Presentation of design and visual communication techniques. • CAD and 3D Printing
Assessment	Internal: 13, External: 3
Extra Conditions	Required: 12DVC is a BYOD based subject therefore students will have to bring their own laptop to class. There are iPads available for use in class for assessment work.

Digital Technology – 12DTE

Entry Requirements	At least 5 credits in Digital Technologies at Level 1 or have previous coding experience in Python and Godot at the teacher's discretion.
Course Content	Students will cover the following topics: • Coding GUI Based Systems Using Python • Game Design Principles and Development Processes (3D Games) • Artificial Intelligence of Mobile Objects in Games • Project Management Principles Applied to Game Development
Assessment	Internal 12, External 3
Extra Conditions	12DTE is a BYOD based subject therefore students will have to bring their own laptop to class.

Engineering – 12TEN	
Entry Requirements	16 credits from 11 Engineering (11TEN)
Course Content	Students will cover the following topics: • Fabrication machines, materials, and processes • Common engineering materials properties and usage • Practical fabrication skills • Practical machining skills
Assessment	Internal: 19 (Mixture of Achievement standards and Competenz Unit Standards)
Extra Conditions	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.

Food and Nutrition – 12FNU	
Entry Requirements	Achieved Year 11 FNU with success in Nutritional needs and Strategies for wellbeing assessments, OR at the discretion of TIC.
Course Content	Students will cover the following topics: • Analyse specific food needs. - Nutrition for athletes. • Implement advanced procedures to process a product. • Analyse a nutritional issue. • Analyse the relationship between well-being, food choices and determinants of health • Evaluate health promoting strategies designed to address a nutritional need.
Assessment	Internal: 14, External: 4 Optional External: 4

Hospitality – 12HOS	
Entry Requirements	Open Entry
Course Content	Students will cover the following topics: • Food safety and hygiene • Preparing and cooking food using a range of techniques: grilling, roasting, salads, sandwiches • Preparing Espresso Coffee using commercial equipment
Assessment	Internal: 20

Textiles Technology – 12TTE	
Entry Requirements	Achieved 6 credits in 11 Textiles. An ability to perform practical sewing tasks is essential.
Course Content	Students will cover the following topics: • Advanced construction skills e.g. welt packets, tailored cuffs and collars, embroidery, set-in-sleeve • Adaptation of an existing pattern • Conceptual design of a garment
Assessment	Internal: 22

Textiles Technology – 12TTE

Extra Conditions

Students will need to provide Fabrics for Take home projects

Careers

Gateway – 12GAT

Entry Requirements

This is a programme that offers Year 12 students the opportunity to trial, in the workplace, their probable career choice while gaining industry credits

Students who wish to apply will be interviewed for selection. Acceptance into the course will depend on the limited places available and the overall best fit for the student. Students must be work ready

Course Content

Students will cover the following topics:

- Career decision making/planning
- Health and Safety in the Workplace
- Knowledge of diversity in the Workplace
- CV preparation
- Practical First Aid

Assessment

Internal: 18

Extra Conditions

Students participating in Gateway will need to complete a First Aid course in the week before school starts.

Students may only take one of Primary Industries, Gateway or USkills

USkills – 12USK

Entry Requirements

Students who wish to apply will be interviewed for selection. Acceptance into the course will depend on the limited places available and the overall best fit for the student.

Course Content

Students apply for entry into the following 1-day courses:

- Construction
- Plumbing, Gasfitting and Drainlaying
- Automotive
- Collision Repair
- Mechanical Engineering
- Electrical Engineering
- Hair, Beauty and Retail
- Barbering
- Café Skills
- Business Administration and Technology
- Early Childhood

Assessment

Internal: 20+ credits

Extra Conditions

Students may only take one of Primary Industries, Gateway or USkills

Vocational Studies – 12VST	
Entry Requirements	Open Entry
Course Content	Students will cover the following topics: • Plan future directions • Explore career options and their implications • Job Search Skills • Targeted Personal CV Production • Communication in a team or group • Participation in Meetings • Producing household budgets • Legal Rights and Responsibilities of Vehicle ownership • Time Management
Assessment	Internal: 20+