

# Year 13 Subject Selection



**Feilding High School**

# Arts

Art Design - 13ARD (Approved Subject for University Entrance)	
<b>Entry Requirements</b>	12 Art Design
<b>Course Content</b>	<ul style="list-style-type: none"> <li>Using Adobe Creative software such as Illustrator, Photoshop and InDesign to create digital artworks using the design process</li> <li>Produce a range of branding and marketing material within a context of their own choosing</li> <li>Generate and develop an understanding of processes, procedures, materials and techniques in contemporary graphic design.</li> <li>Individualised assessment based on students' strengths, interests and stylistic preferences (e.g drawing, photography, typography, painting, digital illustration, street art etc) preparing students for tertiary study in creative courses, digital imaging, marketing media or Fine Art</li> </ul>
<b>Assessment</b>	Internal: 8, External: 14 (An internal course of 12-16 credits can be negotiated with HOD)

Art Painting - 13ARP (Approved Subject for University Entrance)	
<b>Entry Requirements</b>	12 Art Painting
<b>Course Content</b>	<ul style="list-style-type: none"> <li>Students will need to demonstrate skill in generating and developing ideas based on the knowledge gained from Contemporary artist models.</li> <li>Students will need to critically select and fluently apply art making processes, procedures, materials and techniques with consideration of their characteristics to achieve outcomes.</li> <li>Students can work with a variety of media, including printmaking and digital artwork to suit individual strengths and interests.</li> </ul>
<b>Assessment</b>	Internal: 8, External: 14

Drama - 13DRA (Approved Subject for University Entrance)	
<b>Entry Requirements</b>	Achievement Standard 91218 (Class Production) and one other standard from 12 Drama, or in consultation with TIC
<b>Course Content</b>	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"> <li>Practical workshops</li> <li>Script analysis</li> <li>Performance</li> <li>Theatre forms / genre</li> <li>History of theatre</li> <li>Devising</li> <li>Drama theorists</li> <li>Live theatre viewing</li> </ul>
<b>Assessment</b>	Internal: 14, External: 4 (optional)

**Drama - 13DRA (Approved Subject for University Entrance)**

<b>Extra Conditions</b>	Extra rehearsal time outside of class time is required. Scholarship Drama is offered by invitation. Students will be required to provide some basic costuming.
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**Music - 13MUS (Approved Subject for University Entrance)**

<b>Entry Requirements</b>	Students must be taking lessons to learn an instrument, either through the school itinerant music scheme or privately. Students must be working towards at least Grade 6 in performance and grade 4 in theory or have passed Level 2 Solo Performance and one other standard in Level 2 Music Studies.  Students should be involved in at least one of the school-based performance group. Entry into Year 13 Music can be at the discretion of the Head of Department.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"><li>• Solo performance (compulsory)</li><li>• Group performance – to be done only in extra-curricular music</li><li>• Song Writing</li><li>• Arranging</li><li>• Composition</li><li>• Harmonic and Tonal Analysis (theory external)</li></ul>
<b>Assessment</b>	Internal: 12-16, External: 4
<b>Extra Conditions</b>	Scholarship Music is offered. Students must do Solo performance and at least one other standard – they may choose from other available standards to complete their programme up to 20 credits.

**Music Industry - 13MUI**

<b>Entry Requirements</b>	Open entry for students who have achieved NCEA L2. Students can take this course with minimal music performance experience; however, students <b>MUST</b> be prepared to work in a group at times. Having a very good attendance record is required as there are many practical activities throughout this course. Entry into the Year 13 Music Industry course is at the discretion of the HOD.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"><li>• Recording music</li><li>• Mixing and editing recordings in music software</li><li>• Operating equipment for live performances</li><li>• Using music technology and music software</li><li>• Working in music industries</li><li>• *Music industry research</li></ul>
<b>Assessment</b>	Internal: 20
<b>Extra Conditions</b>	Wired or wireless headphones or earphones are required. There are no costs for using professional music software on school computers. *The Music Research Assessment is an Approved music subject for University Entrance.

**Photography - 13PHO (Approved Subject for University Entrance)**

<b>Entry Requirements</b>	Year 12 Photography
<b>Course Content</b>	<ul style="list-style-type: none"><li>• Using DSLR cameras, studio lighting, Adobe creative software such as Photoshop, InDesign and Bridge</li><li>• Produce a range of photographic imagery within a context of their own choosing</li><li>• Generate and develop an understanding of processes, procedures, materials and techniques in contemporary photography.</li><li>• Individualised assessment based on students' strengths, interests and stylistic preferences</li></ul>
<b>Assessment</b>	Internal: 8, External: 14 (An internal course of 12-16 credits can be negotiated with HOD)
<b>Extra Conditions</b>	Students are not required to own their own camera. All necessary equipment will be provided.

# Languages

<b>English - 13ENG (Approved Subject for University Entrance)</b>	
<b>Entry Requirements</b>	Students must pass at least three out of four standards from the 12ENG class
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"><li>• Evaluate texts and develop detailed response essays</li><li>• Have the choice to participate in oral and visual presentations</li><li>• Write in a range of styles</li><li>• Carry out a theme study on a topic of their choice</li></ul>
<b>Assessment</b>	Internal: 10, External: 8 + Optional Internal: 3

<b>English Studies - 13ENS (Approved Subject for University Entrance)</b>	
<b>Entry Requirements</b>	8 credits from Achievement Standards from 12 English Studies or 12 English
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"><li>• Read and evaluate a range of texts</li><li>• Write a range of pieces</li><li>• Study and present moving images</li></ul>
<b>Assessment</b>	Internal: 19, Optional External: 4

<b>English Language Learning- 13ELL</b>	
<b>Entry Requirements</b>	Students are directed into the course as required
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"><li>• English for Academic Purposes (EAP) standards which assess language learner's readiness to study a university</li><li>• Academic Writing</li><li>• Academic Reading</li></ul>
<b>Assessment</b>	Internal: 17

**French - 13FRE (Approved Subject for University Entrance)**

<b>Entry Requirements</b>	14 credits from 12 French with two Merit passes
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"><li>• Grammar and language studies</li><li>• Literature studies - chosen from short story, poetry, song, novel, drama and film</li><li>• Study of contemporary topics in French - e.g. creative arts, media, social cohesion in France, our changing world, environmental issues, getting a job in France, current issues</li><li>• A region in France</li></ul>
<b>Assessment</b>	Internal: 14, External: 10
<b>Extra Conditions</b>	Required: Renash French Student Booklet

**Japanese - 13JPN (Approved Subject for University Entrance)**

<b>Entry Requirements</b>	Minimum of one internal and one external Achieved at Level 2 in Japanese
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"><li>• Land and People (Japan/New Zealand)</li><li>• Travel and Tourism</li><li>• Japan at Work</li></ul>
<b>Assessment</b>	Internal: 8, External: 10
<b>Extra Conditions</b>	Required: Renash Japanese Student Booklet

**Media Studies - 13MED (Approved Subject for University Entrance)**

<b>Entry Requirements</b>	Students must have achieved 3 standards from 12 English or achieved 3 standards from 12 Media Studies. The Level 2 external must have been attempted if a student participated in the course and is not entered into a 13ENG class.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"><li>• Design and produce a short film</li><li>• Undergo a film genre study e.g. Documentaries</li><li>• Understand the meaning of a film through different readings</li></ul>
<b>Assessment</b>	Internal: 13, External: 4

<b>Te Ao Māori - 13TEAO</b>	
<b>Entry Requirements</b>	Successful completion of Year 12 Te Ao Māori or at the discretion of the Head of the Māori Department. This course does not require knowledge of Te Reo Māori.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Whakapapa, Ngā kōrero o neherā, Atua Māori</li> <li>• Tourism Māori, Kaitiakitanga</li> <li>• Tikanga Māori, Pōwhiri. Manaaki Manuhiri</li> <li>• Māori history, The New Zealand Wars</li> <li>• A Māori Leader / Waka study</li> <li>• Māori Performing Arts</li> </ul>
<b>Assessment</b>	Internal: 20 (an additional 10 credits for students in Kapa Hara who perform at Pae Taiohi)

<b>Te Reo Māori – 13MAO (Approved Subject for University Entrance)</b>	
<b>Entry Requirements</b>	12 credits from 12 Te Reo Māori including AS91288 (2.5 Waihanga Tuhinga), AS91286 (2.3 Panui) or AS91287 (2.4 Tuhituhi).
<b>Course Content</b>	Topics will cover local, national, or global themes across different text types. Students will cover the following topics: <ul style="list-style-type: none"> <li>• Waiata / Haka</li> <li>• Te Whakarauoratanga o Te Reo Māori</li> <li>• Pūrākau</li> <li>• Te Taiao</li> </ul>
<b>Assessment</b>	Internal: 10-20, External: 6
<b>Extra Conditions</b>	By application to the Teacher in Charge, students may be able to have an alternate individual internally assessed Unit Standards programme in Tikanga ā-iwi, Māori Tourism and/or Māori Performing Arts. The entry requirement is Level 1 Literacy.

# Mathematics

## Mathematics - 13MAT (Approved Subject for University Entrance)

<b>Entry Requirements</b>	13 credits from any Year 12 Mathematics course which must include AS91259 (2.4 Trigonometry) and AS91267 (2.12 Probability Methods)
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Mathematical skills such as trigonometry, simultaneous equations, linear programming, critical paths</li> <li>• Statistical skills such as report writing and distribution models</li> <li>• Application of the above skills to real and simulated problems</li> </ul>
<b>Assessment</b>	Internal: 16, External: 4
<b>Extra Conditions</b>	A Graphics calculator is compulsory

## Mathematics with Calculus - 13CAL (Approved Subject for University Entrance)

<b>Entry Requirements</b>	15 credits from the 12MAT course which must include AS91262 (2.7 Calculus) and a Merit in AS91261 (2.6 Algebra)
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Advanced algebraic, geometrical and calculus skills</li> <li>• Application of these skills to problems</li> </ul>
<b>Assessment</b>	Internal: 4, External: 17
<b>Extra Conditions</b>	A Graphics calculator is compulsory

## Mathematics with Statistics - 13STA (Approved Subject for University Entrance)

<b>Entry Requirements</b>	13 credits from any Year 12 Mathematics course which must include AS91264 (2.9 Statistical Inference) for 12MST students and a Merit in AS91267 (2.12 Probability Methods) for all students.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Mathematical modelling</li> <li>• Statistical skills</li> <li>• Application of skills to problems that arise in real and simulated situations</li> </ul>
<b>Assessment</b>	Internal: 12, External: 8
<b>Extra Conditions</b>	A Graphics calculator is compulsory



# Physical Education and Health

Fitness for Sport - 13FFS	
<b>Entry Requirements</b>	Year 13 students who have participated in Year 12 Physical Education or by approval of the Faculty Leader
<b>Course Content</b>	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"> <li>• Development and understanding of standard exercises - resistance training and free standing exercises</li> <li>• Personal goal setting</li> <li>• Development of a personal gym based programme</li> <li>• Plan and apply a fitness training programme</li> <li>• Instruct and monitor resistance training</li> </ul>
<b>Assessment</b>	Internal: 15
<b>Extra Conditions</b>	Required: at least two School PE shirts. The course will require a Gym membership at Evolve Fitness (\$11.50 per week - this entitles the student to use the fitness facilities in class and outside of school hours). The cost for transport to and from Evolve Fitness is to be advised at the start of the academic year.

Health - 13HLT (Approved Subject for University Entrance)	
<b>Entry Requirements</b>	10 credits from 12HRS. Alternatively, 8 credits from 12ENG or 12EST. Approval may be given at the discretion of the HOF
<b>Course Content</b>	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"> <li>• New Zealand health issues – alcohol, obesity, poverty, drugs</li> <li>• Contemporary ethical issues – Medicinal Marijuana, Euthanasia, Vaccinations, Abortion</li> <li>• International health issues – disease, life expectancy, poverty, reproductive health</li> <li>• Hauora, health promotion, attitudes and values and the socioecological perspective</li> </ul>
<b>Assessment</b>	Internal: 14, External: 5

Outdoor Leadership - 13ODL	
<b>Entry Requirements</b>	<p>Students are required to apply for a place on this course. Places are limited due to the nature of the course.</p> <p>The cost of the camps is \$450.00.</p> <p>The application form is to be collected from the front office and returned with a deposit of \$100 by Wednesday 20<sup>th</sup> of September (Term 3 Week 10). The remainder of \$350 is to be paid by December 1<sup>st</sup> 2023.</p> <p>Successful applicants will be contacted in Term 4 to complete the application process. If students are unsuccessful in their application – the deposit will be refunded onto the students school account.</p>

### Outdoor Leadership - 13ODL

<b>Course Content</b>	Students will cover a selection of following topics: <ul style="list-style-type: none"><li>• Snowboarding</li><li>• Rock climbing &amp; Abseiling</li><li>• Leadership in the outdoors</li><li>• Risk management</li><li>• Weather, Survival and Navigation skills</li><li>• Mountain biking</li></ul>
<b>Assessment</b>	Internal: 13-20
<b>Extra Conditions</b>	<p>The course may be run in conjunction with the Year 12 Outdoor Adventure. Students must be self-motivated due to the course being largely student-led. Students will contribute to discussions with their teacher that enables a flexible programme of study to suit both the class and individual students' needs.</p> <p>An appropriate level of physical fitness is required. Food and clothing are not included, students must provide these for themselves. Specialist equipment is provided by the school.</p>

### Sport Science - 13SPS (Approved Subject for University Entrance)

<b>Entry Requirements</b>	16 credits from 12 ENA or EST, 12 HIS, 12PSY or 12SPS or at the discretion of the Head of Faculty.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"><li>• Practical skills in a chosen physical activity skilled performance</li><li>• Evaluate physical activity experiences on life-long wellbeing</li><li>• Examine an issue, trend or event in physical activity</li><li>• Biomechanical Analysis</li></ul>
<b>Assessment</b>	Internal: 16
<b>Extra Conditions</b>	Required: School PE shirt.

# Science

<b>Agricultural and Horticultural Science - 13AGHRT (Approved Subject for University Entrance)</b>	
<b>Entry Requirements</b>	12 credits including an external assessment from 12 Agriculture or at Teacher in Charge discretion.
<b>Course Content</b>	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"> <li>• Aspects of Primary Production in New Zealand (including impact of both national and global influences)</li> <li>• Research on profitability of a chosen primary product</li> <li>• Impacts of market forces</li> <li>• How primary production impacts on the environment</li> <li>• Production processes</li> </ul>
<b>Assessment</b>	Internal: 10, External: 9 or 10

<b>Biology - 13BIO (Approved Subject for University Entrance)</b>	
<b>Entry Requirements</b>	Students must have achieved at least one externally assessed standard and two internally assessed standards in Level 2 Biology, OR at the discretion of the Teacher in Charge.
<b>Course Content</b>	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"> <li>• Genetic modification</li> <li>• Patterns of evolution and speciation processes</li> <li>• The biological and cultural evolution of human species</li> <li>• Practical Work - Students carry out their own research experiment on a selected animal.</li> <li>• Maintenance of homeostasis in animals</li> </ul>
<b>Assessment</b>	Internal: 10, External: 8
<b>Extra Conditions</b>	<p>Required: SciPad workbook required, available for purchase from the school stationery shop.</p> <p>There is a compulsory field trip in Term 1 for the practical investigation standard and an optional field trip in Term 3 to assist with knowledge in animal adaptations and primate evolution.</p>

**Chemistry - 13CHE (Approved Subject for University Entrance)**

<b>Entry Requirements</b>	Students must have achieved at least one externally assessed Chemistry standard and two internally assessed standards 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>• Redox</li><li>• Chemical processes</li><li>• Spectro data analysis</li><li>• Bonding and thermochemistry</li><li>• Aqueous solutions</li></ul>
<b>Assessment</b>	Internal: 9, External: 10
<b>Extra Conditions</b>	Required: Chemistry Workbook- purchase from the stationery room.

**Physics - 13PHY (Approved Subject for University Entrance)**

<b>Entry Requirements</b>	Two externally assessed standards and one internally assessed standard from 12 Physics (13 credits) and 11 credits from 12 Mathematics (12MAT) 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>• Mechanics – translational motion, rotational motion, and simple harmonic motion</li><li>• Electricity and electromagnetism - analysis of complex DC circuits, capacitors and inductors, and AC circuits</li><li>• Waves – diffraction, interference, standing waves and the doppler effect</li><li>• Atomic and nuclear physics</li></ul>
<b>Assessment</b>	Internal: 6, External: 16
<b>Extra Conditions</b>	Required: Physics Workbook - purchase from the stationery room.

**Primary Industries - 13PRI**

<b>Entry Requirements</b>	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 and interviews may be required to secure a place on the course.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"><li>• Health and safety on a farm</li><li>• Handling and moving livestock</li><li>• Fencing</li><li>• Livestock anatomy, behaviour, reproduction and welfare</li><li>• Livestock health</li><li>• Chainsaw course</li></ul>
<b>Assessment</b>	Internal: 40

## Primary Industries - 13PRI

### Extra Conditions

Entry into 13PRI also requires the following:

- The course will include field trips to training and cadetship facilities within the lower North Island.
- Students will be required to complete a tutor-led placement day, one day per week from Term 1 to Term 4 - depending on the year. Students will be collected from school on the morning of this placement day.
- Students will be required to log their experiences as evidence of the unit standards assessed. This will be done under the direction of the Primary ITO tutor.
- Students may enter both Year 13 Primary Industries and Year 13 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.
- Students will attend two, 1-week block courses throughout the year. The dates of these block courses will be confirmed. The first block course will likely run during the first or second week of Term 1 **school holidays**. The second block course will likely run during Term 3.
- Students may not take Gateway or USkills and Primary Industries.

# Social Science

<b>Accounting - 13ACC (Approved Subject for University Entrance)</b>	
<b>Entry Requirements</b>	10 credits from 12 Accounting or 8 credits from 12 Mathematics OR at the discretion of TiC
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Accounting Concepts</li> <li>• Processing for Partnerships and Companies</li> <li>• Decision Making</li> <li>• External Reporting</li> <li>• Cost Accounting</li> </ul>
<b>Assessment</b>	Internal: 13, External: 4
<b>Extra Conditions</b>	Required: Student Workbook and Calculator and may require a revision workbook. The course involves a field trip to Wellington.

<b>Business Studies - 13BUS (Approved Subject for University Entrance)</b>	
<b>Entry Requirements</b>	NCEA Level 2 – having completed a year in Year 11 or Year 12 Business Studies is also desirable
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Business case studies – global level businesses</li> <li>• Creating a marketing plan for a new or existing product</li> <li>• Considering how large of global businesses create innovative products to add value</li> <li>• Human resources and how businesses face and combat issues to do with employment and employees</li> <li>• Consider how global businesses strategically respond to factors out the business which may impact them (external factors) e.g. societies expectations of business</li> </ul>
<b>Assessment</b>	Internal: 13, External: 4
<b>Extra Conditions</b>	Required: Business Studies Homework Book

<b>Economics - 13ECO (Approved Subject for University Entrance)</b>	
<b>Entry Requirements</b>	12 credits from 12 Economics or 12 English
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Microeconomics and the Market System – how the market system sets prices and the competitive nature of firms in the marketplace.</li> <li>• Macroeconomics and Government Policies – the behaviour of the New Zealand economy as a whole.</li> </ul>
<b>Assessment</b>	Internal: 10, External: 8
<b>Extra Conditions</b>	Required: Workbook - approximate cost of \$35. Students will have the opportunity to be involved in the New Zealand Economics Competition and New Zealand Business Week.

**Geography – 13GEO (Approved Subject for University Entrance)**

<b>Entry Requirements</b>	12 credits from 12 Geography, or 16 credits from 12 English, 12 History or 12 Media Studies
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"><li>• Natural processes – based on the coastal processes in the lower North Island</li><li>• Cultural processes – the development of tourism in Rotorua</li><li>• Geographic skills – mapping, graphing and critical analysis</li><li>• Geographic research based on tourism in Rotorua</li><li>• Contemporary geographic issue looking at the management of Human Trafficking</li><li>• Global geographic study of the pattern of Global Development</li></ul>
<b>Assessment</b>	Internal: 11, External: 8
<b>Extra Conditions</b>	There are two option field trips: 3-day trip to Rotorua and a 1-day trip to the coast

**History - 13HIS (Approved Subject for University Entrance)**

<b>Entry Requirements</b>	12 credits in 12 History and / or 12 English
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"><li>• A broad survey of World War II with a focus on the Pacific Theatre of War</li><li>• A special studies component involving a research inquiry into a historical event or place, using primary secondary sources</li><li>• Analysing evidence relating to historical events, using a variety of visual and written resources</li><li>• Analysing causes and consequences of significant historical events</li><li>• Evaluating differing historical interpretations</li><li>• Presenting a convincing case on the basis of supporting evidence and sound argument</li></ul>
<b>Assessment</b>	Internal: 10, External: 6
<b>Extra Conditons</b>	The course includes an optional trip to the National Army Museum in Waiouru.

<b>Psychology - 13PSY (Approved Subject for University Entrance)</b>	
<b>Entry Requirements</b>	16 credits from either 12PSY or 12ENA or 12HIST OR 12GEO or 12MED or 12SPS
<b>Course Content</b>	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"> <li>• An overview of abnormal behavior; including schizophrenia, OCD, dissociative identity disorder.</li> <li>• Mental health in Aotearoa New Zealand and how two different health models (Te Whare Tapa Wha and Maslow's Hierarchy of Needs) explain behavior.</li> <li>• Cultural bias and how this effects psychological research.</li> <li>• How Gender is caused and explained through psychological approaches.</li> <li>• Gender Bias and the effect that this has on psychological research.</li> <li>• Eye witness testimony and the how our memories are not all that they seem.</li> </ul>
<b>Assessment</b>	Internal: 16, External: 3

<b>Social Studies - 13SSS (Approved Subject for University Entrance)</b>	
<b>Entry Requirements</b>	14 credits from either 12ENG,12SSS or 12PSY
<b>Course Content</b>	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"> <li>• Viewpoints, values and perspectives on current issues facing the world today.</li> <li>• Examine a campaign of social actions to influence policy change - Ihumāto, Dawn Raids.</li> <li>• Personal involvement in social actions to influence policy change – Matariki, plastic pollution, mental health, cost of living.</li> <li>• Conduct a critical social inquiry on an issue - Free West Papua movement.</li> <li>• How ideologies shape society- Capitalism, Communism, Liberalism, Socialism.</li> </ul>
<b>Assessment</b>	Internal: 16, External: 4
<b>Extra conditions</b>	There is an optional trip to Parliament in Wellington (approximately \$30)

<b>Tourism - 13TOU</b>	
<b>Entry Requirements</b>	Open Entry to Year 13 students who have completed NCEA Level 2
<b>Course Content</b>	<p>Students will have the opportunity to explore a selection of the following topics:</p> <ul style="list-style-type: none"> <li>• World travel geography</li> <li>• Tourist destinations in the South Pacific</li> <li>• A New Zealand tourist destination (Rotorua)</li> <li>• Australia as a tourist destination</li> <li>• The economic significance of tourism</li> <li>• The tourism industry</li> <li>• A selection of tourist destinations in Asia</li> <li>• Customer service practices</li> </ul>
<b>Assessment</b>	Internal: 18-22
<b>Extra Conditions</b>	This course includes an optional 3-day fieldtrip to Rotorua to explore tourism developments in the area - approximate cost \$350



# Technology

<b>Construction Trades (Formerly Building) - 13CTR</b>	
<b>Entry Requirements</b>	18 credits from either 12 Building or 12 Engineering.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Construct a major project using resistant materials.</li> <li>• Selecting and using materials for a BCATS project.</li> <li>• Select use and maintain tools and equipment for a BCATS Project.</li> <li>• Use of multiple materials, tools and machinery.</li> </ul>
<b>Assessment</b>	Internal: 20
<b>Extra Conditions</b>	Selection is also dependent on students being able to demonstrate a thorough understanding of health and safety in the workshop.

<b>Graphics and Design (Design and Visual Communication) - 13DVC (Approved Subject for University Entrance)</b>	
<b>Entry Requirements</b>	12 credits from 12 Graphics & Design (DVC) Students who have not taken 12DVC may apply to the Head of Faculty for subject approval.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Spatial Design (Architecture)</li> <li>• Product Design (Lighting or Student Choice)</li> <li>• Freehand and Instrumental drawings.</li> <li>• Presentation of design and visual communication techniques.</li> <li>• CAD and 3D Printing</li> </ul>
<b>Assessment</b>	Internal: 18 (Scholarship evidence is collected from all standards assessed)
<b>Extra Conditions</b>	Required: Class drawing materials and equipment. 13DVC is a BYOD based subject therefore students will have to bring their own laptop to class.**  **There are a limited number of desktop computers available for use in class if students do not have a device.

<b>Digital Technology - 13DTE (Approved Subject for University Entrance)</b>	
<b>Entry Requirements</b>	Passing either Programming Standard (91866 or 91897) in Year 12 Digital Technology or at the discretion of the Teacher in Charge of Digital Technology
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"> <li>• Planning and Programming Graphical User Interfaces in Python</li> <li>• Artificial Intelligence</li> <li>• Complexity and Tractability</li> <li>• Formal Languages</li> <li>• Software Engineering Methodologies</li> </ul>
<b>Assessment</b>	Internal: 12, External: 3

**Digital Technology - 13DTE (Approved Subject for University Entrance)**

<b>Extra Conditions</b>	13DTE is a BYOD based subject therefore students will have to bring their own laptop to class.
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**Engineering - 13TEN**

<b>Entry Requirements</b>	17 credits from 12 Engineering
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"><li>• Manufacture of a product using machine tools.</li><li>• Manufacture of a product using fabrication equipment.</li><li>• Strength, mechanical properties and treatment of engineering metals.</li><li>• Calculations to solve problems for the mechanical engineering trades.</li></ul>
<b>Assessment</b>	Internal: 21
<b>Extra Conditions</b>	Selection is also dependent on students being able to demonstrate a thorough understanding of health and safety in the workshop.

**Food and Nutrition - 13FNU (Approved Subject for University Entrance)**

<b>Entry Requirements</b>	10 credits in 12 Food and Nutrition (Home Economics) or 12 English and 10 Level 1 English credits
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"><li>• Nutritional concerns and eating patterns</li><li>• Health promotion and community action</li><li>• Relationship between food choices, lifestyle and well-being, and health</li><li>• Analysis of influences and effects of media messages on food choice</li><li>• Multinational food corporations</li></ul>
<b>Assessment</b>	Internal: 15, External: 4, Optional External: 4

**Hospitality - 13HOS**

<b>Entry Requirements</b>	Open entry to Year 13 students only
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"><li>• Nutrition and commercial catering</li><li>• Pickles, chutneys and other preserves</li><li>• Culinary terms</li><li>• Food safety</li><li>• Complex sandwiches</li></ul>
<b>Assessment</b>	Internal: 23

**Technology Textiles - 13TTE (Approved Subject for University Entrance)**

<b>Entry Requirements</b>	12 credits from 12 Textiles. Students who have not taken 12 Textiles may apply to the Teacher in charge for approval.
<b>Course Content</b>	Students will cover the following topics: <ul style="list-style-type: none"><li>• managing special fabrics, e.g. fine knits, sheers</li><li>• managing the inclusion of structural or style features eg. tucks, pockets, openings</li><li>• joining materials with different properties eg. lining</li><li>• Pattern drafting</li><li>• Advanced construction skills</li><li>• Giving Back- working with a client to design and construct a product they need.</li></ul>
<b>Assessment</b>	Internal: 18
<b>Extra Conditions</b>	Students will need to provide their own fabrics for garment construction.

# Vocational

Gateway - 13GAT	
<b>Entry Requirements</b>	<p>Students must be: working at Level 3 in all other subjects, have gained 10 literacy and numeracy credits, be prepared to attend the first aid course the week before school starts. Students also need to have shown a strong commitment to a particular career choice through previous subject selections, work experience or career planning.</p> <p>Students must complete an application form for Year 13 Gateway. An interview for selection will take place and acceptance for Year 13 Gateway will be dependent on the availability of a suitable for placement. Students are encouraged to find their own workplace or attempt to approach an employer before their interview.</p>
<b>Course Content</b>	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"> <li>• Practical First Aid</li> <li>• Active listening and working as part of a team training</li> <li>• Employment relationship problems</li> <li>• Communication process theory</li> <li>• CV writing</li> </ul>
<b>Assessment</b>	Internal: 18
<b>Extra Conditions</b>	<p>Students are to work one day per week for approximately 20 weeks depending on the work completed in class and on the work place.</p> <p>Students taking Primary Industries or USkills will not be able to also take Gateway.</p>

USkills - 13USK	
<b>Entry Requirements</b>	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.
<b>Course Content</b>	<p>Students apply for entry into the following 1-day courses:</p> <ul style="list-style-type: none"> <li>• Construction</li> <li>• Applied Construction Design</li> <li>• Gamification (Design and Development)</li> <li>• ICT Innovation</li> <li>• Cookery</li> <li>• Business Enterprise</li> <li>• New Zealand Police Pathway</li> <li>• Health</li> <li>• Applied Technical Laboratory Science</li> </ul>
<b>Assessment</b>	Internal: 20+ credits
<b>Extra Conditions</b>	Students may only take one of Primary Industries, Gateway or USkills

**Vocational Studies - 13VST****Entry Requirements**

Open Entry, previously studying Year 12 Vocational Studies would be an advantage

**Course Content**

Students will cover the following topics:

- Planning a career pathways
- Evaluate options to increase personal income
- Analyse and select personal financing options for purchasing a property
- Listen actively to gain information in an interactive situation
- Contribute within a team or group which has an objective
- Develop a plan to show how a budget contributes to a achieving a long-term personal financial goal
- Analyse risk factors and select strategies to manage their impact on personal finances

**Assessment**

Internal: 23

# Learning Support

SPEC (South Pacific Educational Courses)	
<b>Entry Requirements</b>	Staff will recommend students for this course to the Special Needs Co-ordinator (SENCO) who will liaise with the Dean to enter students
<b>Course Content</b>	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"> <li>• This programme is based on the key competencies in each learning area of the New Zealand curriculum</li> <li>• Individual challenges are set within a range of choices. Planning how to achieve the goals and reviewing progress are an integral part of learning</li> <li>• Students receive a SPEC certificate if they successfully complete the course</li> <li>• Students experience self-organisation and take responsibility for their own learning</li> </ul>
<b>Extra Conditions</b>	\$40 towards the cost of workbooks

Transition - 13TRA	
<b>Entry Requirements</b>	Staff will recommend students for this course to the Special Needs Co-ordinator (SENCO) who will liaise with the Dean to enter students.
<b>Course Content</b>	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"> <li>• Practical life skills such as cooking for flatting and household management</li> <li>• Work experience</li> <li>• Constructive use of leisure time</li> <li>• Interpersonal skills training</li> <li>• Working towards individual goals set at an IEP</li> </ul>
<b>Assessment</b>	There is no formal assessment, though feedback to parents / caregivers is provided at both Transition Meetings and IEP meetings.
<b>Extra Conditions</b>	A contribution towards outings and materials may be requested as the need occurs