



## YEAR 13 SUBJECTS – 2019

\* = University Entrance Approved Subject

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## Accounting – ACC3

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Accounting gives students the tools to make real life financial decisions in a constantly changing and uncertain world. Students will develop the knowledge and skills necessary to act with integrity by being accountable for their accounting knowledge. This course is strongly recommended if students intend pursuing a commerce qualification at tertiary level.

**University  
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Subject**

Topics include: Accounting for partnerships. Company financial statements. Interpreting an Annual Report of a NZ reporting entity. Management Accounting. Job costing.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
13	9			9	5	Yes
<b>Prerequisites:</b> 14 credits in Level 2 Accounting or Excellence Endorsement in Level 1 Accounting <b>Where does this lead:</b> University Approved Subject <b>Parental Contribution:</b> Nil <b>Days out of School:</b> 1						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
			13			4

## Art Painting or Printmaking - ART3

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Level 3 Art is a practical course extending students' skills in: Creative and critical art making practice, and; Extending knowledge of methods and ideas. Students develop their individual practice in the field of choice.

**University  
Entrance  
Approved  
Subject**

Topics include: Use drawing to demonstrate understanding of conventions appropriate to painting or printmaking. Systematically clarify ideas using drawing informed by established painting or printmaking. Produce a systematic body of work that integrates conventions and ideas with painting or printmaking practice.

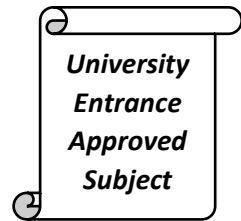
Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
8	14					Yes
<b>Prerequisites:</b> 16 credits in ART2 including 91313 or 91311, and the approval of the HOF Arts. <b>Where does this lead:</b> University Entrance Approved Subject <b>Parental Contribution:</b> Approximately \$111 <b>Days out of School:</b> Nil						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
						22

## Art Visual Design - AVD3

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Level 3 Visual Design is a practical course developing skills in:

- Research visual design methods and ideas;
- Develop and apply ideas in response to visual design situations, and;
- Extend their practical knowledge of visual design techniques and media, including digital imaging.



Topics include: Use drawing to demonstrate understanding of conventions. Appropriate to design. Systematically clarify ideas using drawing informed by established design practice. Produce a systematic body of work that integrates conventions and regenerates ideas within design practice.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
8	14					Yes
<p><b>Prerequisites:</b> 16 credits in AVD2 and the approval of the HOF Arts.  <b>Where does this lead:</b> University Entrance Approved Subject  <b>Parental Contribution:</b> Approximately \$60  <b>Days out of School:</b> Nil</p>						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	22

## Automotive Engineering - AUT3

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This is a continuation from Level 2 Automotive Engineering. The course is designed for students who are interested in a career in the Automotive Industry.

Standards are all theory based and are assessed with written assessments.

Topics include: Final drives. Manual and semi-automatic transmissions. Fuel emissions. Vehicle safety systems. Braking principles.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
21						No
<p><b>Prerequisites:</b> Successful completion of Level 2 Automotive or the approval of the Teacher in Charge.  <b>Where does this lead:</b> Further external training or entry to the workforce. Not a University Entrance Approved Subject  <b>Parental Contribution:</b> Additional project costs  <b>Days out of School:</b> Nil</p>						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	21



## Biology - BIO3

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This course is designed for students who wish to undertake careers that involve Biology. It is an introduction to basic Biology phenomena and leads to learning beyond school.

**University  
Entrance  
Approved  
Subject**

Note: Most universities recommend two sciences be taken by students wishing to enter a University Science Programme.

Topics include: Carry out a practical investigation in a biological context. Demonstrate understanding of how animals maintain a stable internal environment. Demonstrate understanding of responses of plants and animals to their external environment. Demonstrate understanding of trends in human evolution. Demonstrate understanding of human manipulation of genetic transfer and its biological implications.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
10	9			19	13	Yes
<p><b>Prerequisites:</b> 16 credits in Level 2 Biology including all Level 2 External Standards attempted.  <b>Where does this lead:</b> University Entrance Approved Subject  <b>Parental Contribution:</b> Course Book approximately \$35  <b>Days out of School:</b> 1</p>						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
	11	19		14		



## Business Studies - BUS3

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In Business Studies, students develop their understanding of business theory and practices in a range of relevant contexts. Studying business contributes to the development of a culture of enterprise in New Zealand and supports our efforts to improve economic and community well-being.

**University  
Entrance  
Approved  
Subject**

Business is influenced by and impacts on the cultural, ethical, environmental, political and economic conditions of the day. Issues such as sustainability, citizenship, enterprise and globalisation are central.

Studying business enables students to appreciate the issues that challenge businesses and stake holders. In a rapidly changing world, it is important that citizens are able to make informed and rational decisions about business matters.

Topics include: Success factors. Internal factors. Addressing a problem. Human resources. Marketing plans.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
13	8			17	8	Yes
<b>Prerequisites:</b> 16 credits in Level 2 Business Studies or HOF Commerce discretion <b>Where does this lead:</b> University Entrance Approved Subject <b>Parental Contribution:</b> Workbook <b>Days out of School:</b> Possible 5 days						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
		17	10	3	6	

## Carpentry - CAR3

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On completion of this course, students should gain 20 credits towards Stage 1 BCITO National Certificate in Carpentry.

Topics include: Demonstrate knowledge of timber used in construction. Perform building calculations. Knowledge of safe working practices. Knowledge of machining equipment. Knowledge of portable hand tools. Knowledge of carpentry hand tools.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
20						No
<b>Prerequisites:</b> Open to students who have satisfactorily completed Level 2 Carpentry and are willing to adhere to safe practice in the workshop, or at the discretion of HOF Technology. Targeted to students who want to gain an apprenticeship in Building and Construction. <b>Where does this lead:</b> Not a University Entrance Approved Subject <b>Parental Contribution:</b> \$150 <b>Days out of School:</b> Nil						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
20						



## Catering and Hospitality - CHY3

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The aim of this course is to provide a pathway for students to continue to gain skills in Catering and Hospitality for either full time or part time work. This is a Unit Standard course. Students need to have a real interest in food and preparation to be able to experiment with the many different foods available to use. Students will be required to complete some assessment tasks outside of school time.

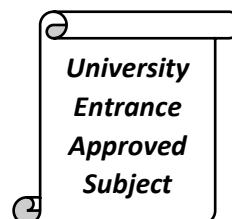
Topics include: Basic nutrition, culinary products and terms, Food contamination hazards, Preserving, Complex sandwiches.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
24						No
<p><b>Prerequisites:</b> Students need to have successfully completed Level 2 Catering and Hospitality, a current part time job in the industry or at the discretion of the HOF of Technology. Students must have the ability to work in a practical situation.</p> <p><b>Where does this lead:</b> This is not an University Entrance Approved Subject</p> <p><b>Parental Contribution:</b> \$100</p> <p><b>Days out of School:</b> 0 Some assessments are carried out after school hours.</p>						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	

## Chemistry - CHE3

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This course is designed for students who wish to undertake careers that involve Chemistry. It is an introduction to basic Chemistry concepts and leads to learning beyond school.



Note: Most universities recommend two sciences be taken by students wishing to enter a University Science Programme.

Topics include: Particles and Thermo Chemistry. Organic Chemistry. Oxidation – reduction processes. Spectroscopy. Aqueous Chemistry.

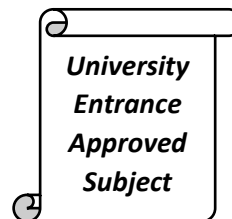
Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
10	15			4	4	Yes
<p><b>Prerequisites:</b> 8 credits at least in external Achievement Standards in Level 2 Chemistry and all three Level 2 External Standards attempted. A good standard of Mathematics is required.</p> <p><b>Where does this lead:</b> University Entrance Approved Subject</p> <p><b>Parental Contribution:</b> \$40 Course book</p> <p><b>Days out of School:</b> Nil</p>						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
20	20	20	5	20		



## Classics - CLS3

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Classical Studies aims to give students experiences with Greek and Roman civilisation. It broadens student understanding of Greek and Roman Mythology, art, literature and philosophy.



Topics include: Analyse ideas and values of the classical world. Analyse the significance of a work(s) of art in the classical world. Demonstrate understanding of significant ideology(ies) in the classical world. Demonstrate understanding of the lasting influence of the classical world on other cultures across time.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
12	8			20	8	Yes
<b>Prerequisites:</b> Entry to Level 3 English (ENG3) <b>Where does this lead:</b> University Entrance Approved Subject <b>Parental Contribution:</b> Nil <b>Days out of School:</b> Nil						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	20

## Consumer Citizenship - CMC3

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Students focus on the skills required to handle their financial affairs responsibly and independently once they leave school.

Topics include: Increasing personal income. Long term personal goals. Credit options. House financing and purchasing. Impacts of external factors or personal finances. Concept of justice.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
21						No
<b>Prerequisites:</b> Open Entry <b>Where does this lead:</b> Not a University Entrance Approved Course <b>Parental Contribution:</b> Nil <b>Days out of School:</b> Nil						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	0





## Dance - DCE3

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Students will start to look at the concept of creating an entire dance performance. From lighting to sound, to costume and intention, students will understand the process behind creating a full dance piece with purpose. Using individualised aspects, students can also develop their skills in dance to improve as a performer.

**University  
Entrance  
Approved  
Subject**

Topics include: Perform a repertoire of contrasting dances. Produce a dance to realise a concept. Choreograph a dance to develop and resolve issues. Perform a solo or duet dance. Perform a group dance. Demonstrate understanding of dance performance practices. Analyse a dance performance.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
26	4				4	Yes
<b>Prerequisites:</b> Completion of the Level 2 Dance or on the approval of the HOF Arts/TIC Dance. <b>Where does this lead:</b> University Entrance Approved Subject <b>Parental Contribution:</b> 0 <b>Days out of School:</b> 3						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	26

## Design and Visual Communication - DVC3

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Design and Visual Communication Level 3 leads on from Level 2. The focus is continuing to develop design and visual communication skills. Work is based around developing a solution to a design problem using the design process, producing the necessary drawings to manufacture and exhibit the final design. Students will produce a design assignment in class and use CAD software to work designs. This subject leads on to possible employment opportunities in spatial and product design or areas, which require the understanding of working drawings and presentation skills. This includes: Landscaping, Architecture, Spatial, Product Design and Engineering.

**University  
Entrance  
Approved  
Subject**

Topics include: Develop a visual presentation that exhibits a design outcome to an audience. Resolve a product or spatial design through graphics practice. Produce working drawings to communicate production details for a complex design.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
12	6					Yes
<b>Prerequisites:</b> 16 Credits in Level 2 Design and Visual Communication or at the discretion of Teacher in Charge. <b>Where does this lead:</b> University Entrance Approved Subject <b>Parental Contribution:</b> \$25 paper and materials fee <b>Days out of School:</b> Nil						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
18	18	12				



## Digital Technology Science - DTS3

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This course provides students with learning opportunities in a range of areas and computer applications. Students develop skills by completing projects in the areas of Programming, Computer Science and Digital Media. Students also gain essential Technology skills.

**University  
Entrance  
Approved  
Subject**

Topics include: Develop a complex computer programme for a specified task. Undertake project management to support technical practice. Demonstrate understanding of areas of computer science. Develop a prototype considering fitness for purpose in the broadest sense. Undertake a critique of a technological outcome's design. Implement complex procedures to make a specified product using a CNC machine. Implement complex procedures to produce a specified digital media outcomes. Level 1 Waikato University Paper in Computer Programming.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
24	8			4	8	Yes

**Prerequisites:** Students will need to have satisfactorily completed Year 12 Digital Technology Science.

**Where does this lead:** University Entrance Approved Subject

**Parental Contribution:** Nil

**Days out of School:** Nil

### **Course Relationship to the National Vocational Pathways**

Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
24	32	20	12		10

## Drama - DRA3

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Students will work both collaboratively and independently to investigate, devise, perform and reflect upon Drama with depth, creativity and perception through a range of performance opportunities. Level 3 Drama continues to foster creativity, confidence, communication, compassion, culture, collaboration and critical thinking, all which are important life skills and relevant to any job sector. This course can bring to a close the NCEA Drama journey or prepare students for subsequent tertiary study in creative fields in creative fields or Dramatic and Performing Arts. Students are expected to commit to extra rehearsals, perform to a range of audiences and will have the opportunity to attend live theatre and workshops with leading NZ Theatre Practitioners.

**University  
Entrance  
Approved  
Subject**

Topics include: Devise, script and perform a drama. Interpret scripted text and integrate drama techniques for performance. Perform a substantial acting role in a significant production. Interpret live drama performance. Select and use complex performance skills associated with a drama form or period.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
18	4			18	8	Yes
<b>Prerequisites:</b> A minimum of 18 credits, including Level 2 AS91213, AS91218 and/or approval from the HOF Arts/TIC Drama. <b>Where does this lead:</b> University Approved Subject <b>Parental Contribution:</b> \$30 <b>Days out of School:</b> 3						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
			5		26	

## Economics - ECO3

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Economics is the study of how people make decisions and of the forces that affect their behaviour and the shape of their institutions. Economics considers the factors that influences the well-being of people. It further develops the learning from Year 11 and Year 12, linking consumers, producers, government and the global economy.

**University  
Entrance  
Approved  
Subject**

Topics include: Market Equilibrium. Marginal Analysis. Micro-economics concepts. Market Failures. Macro-economic influences on the NZ economy.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
10	14			24	14	Yes
<b>Prerequisites:</b> 14 credits in Level 2 Economics or Excellence Endorsement in Level 1 Economics <b>Where does this lead:</b> University Entrance Approved Subject <b>Parental Contribution:</b> Nil <b>Days out of School:</b> Nil						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
		15	19			



## English for Academic Purposes - EAP

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Students who have a first language other than English, proven ability, and the need to prepare to enter a University are eligible to apply for this course. Students in this programme regularly gain success in the IELTS, TOEFL and other international examinations.

Topics include: Complete simple forms. Read and understand texts on familiar topics. Write simple texts on familiar topics. Write texts for practical purposes.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
26						No
<b>Prerequisites:</b> Available to students who have a first language other than English. <b>Where does this lead:</b> Nil <b>Parental Contribution:</b> Nil <b>Days out of School:</b> Nil						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	

## English for Speakers of Other Languages - ESOL

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Students who have a first language other than English are eligible to apply for this course. The course is designed to support access to the curriculum and help students develop English for interpersonal interaction.

Topics include: Complete basic forms on familiar topics. Read and understand simple texts on familiar topics. Demonstrate understanding of simple spoken information on familiar topics.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
28						No
<b>Prerequisites:</b> Available to students who have a first language other than English <b>Where does this lead:</b> English for Academic Purposes <b>Parental Contribution:</b> Nil <b>Days out of School:</b> Nil						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	



## English Foundation - ENL3

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This course is designed to provide Year 13 students with a further opportunity to gain their University Entrance Literacy credits. Students will complete the outstanding Level 2 standards required to attain University Entrance Literacy and will then may be given opportunities to move onto Level 3 standards. This course is NOT University Approved and only **delivers up to seven Level 3 Credits**. Note: It is recommended that Year 12 students make every effort to gain University Entrance Literacy while in Year 12.

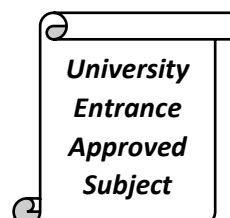
Topics include: Produce a selection of crafted and controlled writing. Use information literacy skills. Form developed personal responses to independently read texts, supported by evidence. Respond critically to significant connections across texts, supported by evidence. (Level 3) Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence. (Level 3)

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
22				8	6	
<p><b>Prerequisites:</b> At discretion of the Head of Faculty based on performance in Year 12 English. This course is for students who seek UE Literacy but have not gained it in Year 12.  <b>Where does this lead:</b> Not a University Entrance Approved Subject.  <b>Parental Contribution:</b> Nil  <b>Days out of School:</b> Nil</p>						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
4	4	4	4	4	7	

## English Internal - ENI3

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At Year 13, we run an entirely internally assessed Level 3 course. This is designed for students who have attained University Entrance Literacy during Year 12 and who have experienced a level of success in English at Level 2. This course is UE approved so a high standard of effort, attitude and homework is expected. In 2019, this internal course will be available as one of the thematic focus courses on offer for Level 3 English.



Topics include: Create and deliver a fluent and coherent oral text which develops, sustains and structures ideas. Produce a selection of fluent and coherent writing which sustains and structures ideas. Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence. Respond critically to make significant connections across texts. Create a fluent and coherent visual text.

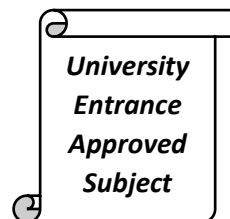
Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
20					6	
<p><b>Prerequisites:</b> 14 credits in Level 2 English and UE Literacy (5 Reading and 5 Writing credits at Level 2).  <b>Where does this lead:</b> University Entrance Approved Subject  <b>Parental Contribution:</b> Nil  <b>Days out of School:</b> Nil</p>						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
17	11	17	17	17	12	



## English - ENG3

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Students will be able to select a Level 3 thematic course based on their interest. These course options will be presented to students later in the year, but may include such courses as: Utopia and Dystopias, Gender and English or Crime in Fiction. All courses will explore aspects of language and literature, and will require students to participate in various practical tasks, such as presenting visual and/or oral texts, authorship, research and essay writing. At least one of the courses offered will be an entirely internally assessed course.



Topics include: Respond critically to specified aspect(s) of studied written text(s), with supported by evidence. Develop an informed understanding of literature and/or language using critical texts OR Respond critically to significant connections across texts. Respond critically to specified aspect(s) of studied visual or oral text(s) supported by evidence. Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence. Topics will depend on the selected course.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
13	8			8	8	Yes
<b>Prerequisites:</b> 16 credits in ENA2 or ENG2 courses, or at the discretion of the Head of Faculty English, and UE Literacy. <b>Where does this lead:</b> University Entrance Approved Subject <b>Parental Contribution:</b> Nil <b>Days out of School:</b> Nil						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
18	8	18	18	18	13	

## Fitness Studies - FIT3

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This course is an entry level qualification for the fitness industry and recognises the skills and knowledge required to function successfully at a basic level in the fitness environment. It consists of Unit Standards covering the key skill areas of customer service, safety, basic exercise prescription and good nutritional principles. The type of student this attracts suits individuals who do not see Sport Science as a viable career path at Cambridge High School. Students cannot take Fitness Studies and Sports Science simultaneously.

Topics include: Demonstrate knowledge of purpose, pitfalls and use of exercise testing. Demonstrate knowledge of exercise prescription. Demonstrate knowledge of exercise physiology and human anatomy. Demonstrate quality performance of a physical activity in an applied setting.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
25						No
<b>Prerequisites:</b> Satisfactory completion of Level 2 Fitness Studies and/or a high level of interest in Fitness. <b>Where does this lead:</b> Not a University Entrance Approved Subject <b>Parental Contribution:</b> \$10 Field Trip to WINTEC <b>Days out of School:</b> 1						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
			4		4	



## French - FRE3

[\(go back to Contents\)](#)

The aim of the course is to continue to develop confidence in speaking and writing French and to learn more about French life and culture. Students will also participate in an overnight trip to practise their Speaking and Listening.

**University  
Entrance  
Approved  
Subject**

Topics include: Demonstrate understanding of a variety of extended spoken French texts. Give a clear spoken presentation in French that communicates a critical response to stimulus material. Interact clearly using spoken French to explore and justify varied ideas and perspectives in different situations. Demonstrate understanding of a variety of written/visual French texts. Write a variety of text types in clear French to explore and justify varied ideas and perspectives.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
14	10					Yes
<b>Prerequisites:</b> 15 credits in Level 2 French or the discretion of HOF Languages <b>Where does this lead:</b> University Entrance Approved Subject <b>Parental Contribution:</b> Nil <b>Days out of School:</b> 1						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
			15	6	6	

## Gateway - GATE

[\(go back to Contents\)](#)

Gateway is available for students interested in a particular career or industry and are work ready. In addition, they will need to be self-motivated and have a positive attitude. Students will need to be well-organised and capable of maintaining their other subject's requirements despite time away from school.

Gateway supports students undertaking learning and assessment where possible in the workplace. They are required to gain a minimum of 20 workplace credits.

Students spend approximately one day per week in a workplace appropriate to their interests. It is an advantage for the student to hold a current driver's license.

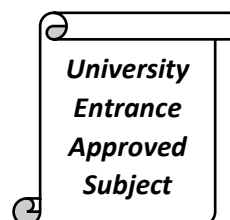
Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
24						No
<b>Prerequisites:</b> LIMITED ENTRY. <u>Students and parents must have consulted with Mr Robinson before they put down Gateway on their subject choice form.</u> <b>Where does this lead:</b> Not a University Entrance Approved Subject <b>Parental Contribution:</b> Nil <b>Days out of School:</b> 1 day per week in most cases in workplace learning.						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	



## Geography - GEO3

[\(go back to Contents\)](#)

Year 13 consists of some of our most confronting and interesting topics. The Geographic Issue highlights New Zealand's use of 1080 poison to control pests. Students explore the many and varied opinions associated with 1080 and learn quickly there is no easy fix to controlling pests and often the control method can be a brutal and traumatic system.



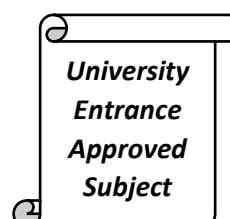
The Global Study focusses on the reasons and impacts of Global Tourism. Dominant areas like Europe and the Americas shine out in their history and investment but other regions like Africa and Asia are quickly catching up. Waihi Beach culminates for both the Research in Year 13 as well as an External Examination. A 2-day field trip leads students through the coastal variations that exist at Waihi Beach and allow them to build an in-depth and highly accurate understanding of the beach. This is a popular trip where students stay in the surf club and enjoy the environment they are studying.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
11	12			11	8	Yes
<b>Prerequisites:</b> 18 Level 2 Achievement Standard credits in Level 2 Geography and/or 18 Achievement Standard credits in Year 12 English. <b>Where does this lead:</b> University Entrance Approved Subject <b>Parental Contribution:</b> Waihi Beach Field Trip 2 days \$70 <b>Days out of School:</b> 2						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
		11	23	3	6	

## Health - HTH3

[\(go back to Contents\)](#)

Studying Health Education at Level 3 allows students to deal with more than broader societal issues that affect whole communities and/or populations. The subject also encourages students to look beyond their own known situations and consider health situations from different perspectives for a range of populations.



Students will have the opportunity to analyse health issues that influence the well-being of people on an international, national and community level.

Topics include: Researching and reporting on an ethical issue. Evaluate health practices currently used in New Zealand. Analyse an international health issue. Analyse a New Zealand health issue.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
14	5					Yes
<b>Prerequisites:</b> 15 credits in Level 2 Health or at the discretion of the HOF Physical Education <b>Where does this lead:</b> University Entrance Approved Subject <b>Parental Contribution:</b> \$15 for an offsite trip <b>Days out of School:</b> 1						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
			15	6		

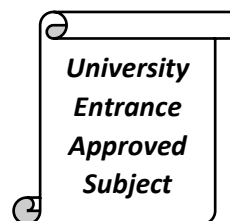




## History - HIS3

[\(go back to Contents\)](#)

History aims to develop skills of enquiry, interpretation, problem solving, gathering, processing and presenting information. History at this level will further students' understanding of major trends and developments. The Gunpowder Plot, the background, personalities, course and impacts of this event. Internal assessments will focus on early NZ History and will include a fieldwork component.



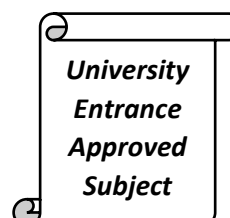
Topics include: Research a historical event or place of significance to New Zealanders. Analyse a significant event or place of significance to New Zealanders, using primary and secondary sources. Analyse different perspectives of a contested event of significance to New Zealanders. Analyse the causes and consequences of a significant historical event.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
15	6			21	12	Yes
<p><b>Prerequisites:</b> 15 credits at Level 2 History, Level 2 English or Level 2 Classics including at least 8 external credits from either Level 2 History, English or Classics.  <b>Where does this lead:</b> University Entrance Approved Subject  <b>Parental Contribution:</b> \$20 approximately for a field trip relating to an internal assessment.  <b>Days out of School:</b> 1</p>						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
	5	5			5	

## Japanese - JAP3

[\(go back to Contents\)](#)

The aim of the course is to extend your ability to communicate in Japanese and provide a positive and enjoyable view of the way of life and culture in Japan. Exchanges to Japan are available. A trip to a restaurant may be offered.



Topics include: Demonstrate understanding of variety of extended spoken Japanese texts. Give a clear spoken presentation in Japanese that communicates a critical response to stimulus material. Interact clearly using spoken Japanese to share and justify varied ideas and perspectives in different situations. Demonstrate understanding of variety of written and/or visual Japanese texts. Write a variety of texts types in clear Japanese to explore and justify varied ideas and perspectives.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
14	10					Yes
<p><b>Prerequisites:</b> 15 credits in Level 1 Japanese or at the discretion of the HOF Languages.  <b>Where does this lead:</b> University Entrance Approved Subject  <b>Parental Contribution:</b> Nil  <b>Days out of School:</b> Nil</p>						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
			16	6	6	

### Level 3 Extension Class – EXT4

[\(go back to Contents\)](#)

This course is intended for exceptionally high-achieving students who have already completed one or more Level 3 subjects. Students will be involved in an individual learning plan which allows them to focus on a number of advanced options for a Level 3 student. Students will be given opportunities for extension that involve guest speakers and field trips. Examples of individual learning programmes may include: Scholarship in at least two subjects. Learning through service will be through a contribution to a community focused project or involvement in supporting the learning of others. Personal goals that may include aspects of university study, learning new skills, entering academic competitions and participating in educational opportunities not offered within the curriculum.

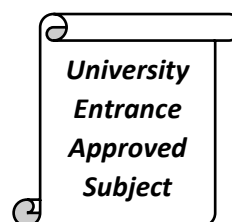
Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
						No
<p><b>Prerequisites:</b> Students must have already completed one or more Level 3 subjects successfully. There is no automatic right of entry to this course. Students must show the appropriate motivation, determination and independent approach to the love of learning. Students accepted into this class must have 4 Level 3 subjects in their timetable and <b>at least two scholarship subjects.</b></p> <p><b>Where does this lead:</b> Not a University Entrance Approved Subject</p> <p><b>Parental Contribution:</b> Nil</p> <p><b>Days out of School:</b> Nil</p>						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	

### Materials Technology Engineering - MTE3

[\(go back to Contents\)](#)

This is an Achievement Standard course that is project-based. This course is also a pathway to Tertiary study.

Topics include: Undertake project management to support technological practice. Demonstrate a prototype considering fitness for purpose in the broadest sense. Demonstrate understanding of material development. Develop a conceptual design considering fitness for purpose in the broadest sense.



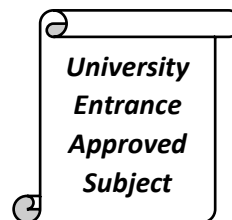
Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
16	6				6	Yes
<p><b>Prerequisites:</b> Satisfactory completion of Level 2 Materials Technology or HOF discretion</p> <p><b>Where does this lead:</b> University Entrance Approved Subject</p> <p><b>Parental Contribution:</b> \$100 plus extra materials</p> <p><b>Days out of School:</b> Nil</p>						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
20	20	20	4		12	

## Materials Technology Fabric - MTF3

[\(go back to Contents\)](#)

This is a Level 3 Technology Achievement Standard course where students have the chance to plan and carry out a soft material based project.

Topics include: Undertake project management to support technological practice. Develop a conceptual design and prototype considering fitness for purpose in the broadest sense. Demonstrate an understanding of material development.

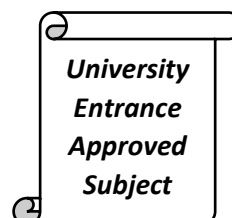


Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
22	4				4	Yes
<p><b>Prerequisites:</b> Successful completion of Year 12 Materials Technology Fabric, or by the discretion of the HOF Technology.</p> <p><b>Where does this lead:</b> University Entrance Approved Subject</p> <p><b>Parental Contribution:</b> \$40 plus the cost of materials</p> <p><b>Days out of School:</b> Nil</p>						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
26	26	20	4		18	

## Mathematics with Calculus - MAC3

[\(go back to Contents\)](#)

This course places a greater emphasis on the techniques and applications of Calculus, Mathematical Modelling and the development of Mathematical reasoning. It should be taken by students who wish to further their studies in Mathematics, Engineering, Physical Sciences and anywhere else where Mathematics is used as a tool.



Topics include: Apply systems of simultaneous equations in solving problems. Apply trigonometric methods in solving problems. Apply the algebra of complex numbers in solving problems. Apply differentiation methods in solving problems. Apply integration methods in solving problems.

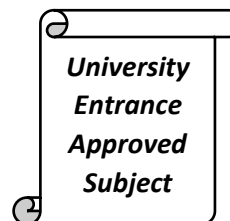
Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
7	17					Yes
<p><b>Prerequisites:</b> 18 credits in Mathematics at Level 2, including a Merit in Algebra from MAT2 and selection by HOF Mathematics.</p> <p><b>Where does this lead:</b> University Entrance Approved Subject</p> <p><b>Parental Contribution:</b> Nil</p> <p><b>Days out of School:</b> Nil</p>						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
19	19	15		6		



## Mathematics Internal - MAI3

[\(go back to Contents\)](#)

This course gives students the skills to collect, process, analyse and display data. Two applied Mathematics standards are also covered. Students are given opportunities to analyse large quantities of data to follow trends and predict future outcomes. MAI3 is best suited to students interested in quantitative aspects of Science, Social Science, Business and any field where statistical analysis is important.



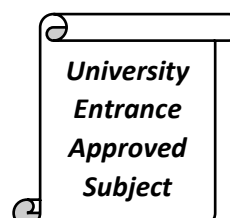
Topics include: Apply linear programming methods in solving problems. Investigate time series data. Investigate bivariate measuring data. Use statistical methods to make a formal inference. Apply systems of simultaneous equations in solving problems. Conduct an experiment to investigate a situation using experimental design.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
22						No
<b>Prerequisites:</b> 10 Level 2 Mathematics credits <b>Where does this lead:</b> University Entrance Approved Subject <b>Parental Contribution:</b> Nil <b>Days out of School:</b> Nil						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
3	3	22	12	16	4	

## Mathematics with Statistics - MAS3

[\(go back to Contents\)](#)

This course gives students the skills to collect, process, analyse and display data. Probability theory and probability distributions are also covered. MAS3 is best suited to students interested in quantitative aspects of Science, Social Science, Business and any field where statistical analysis is important.



Topics include: Investigate time series data. Investigate bivariate measuring data. Use statistical methods to make a formal inference. Apply probability concepts in solving problems. Apply probability distributions in solving problems.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
12	8					Yes
<b>Prerequisites:</b> 14 Achievement Standard credits at Level 2 or above including at least 4 external credits and selection by HOF Mathematics. <b>Where does this lead:</b> University Entrance Approved Subject <b>Parental Contribution:</b> Nil <b>Days out of School:</b> Nil						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
3	3	20	12	16	4	



## Media Studies - MED3

[\(go back to Contents\)](#)

This academic course is evenly focused on developing practical Media skills and the theoretical understanding of media issues. Media Studies examines a range of media texts and how media can be influenced by the society that it is seated in as well as influencing society.

**University  
Entrance  
Approved  
Subject**

Topics include: Demonstrate understanding of the meaning of media text through different readings. Demonstrate understanding of a relationship between a media genre and society. Produce a design of a media product that meets the requirements of a brief. Produce a media product that meet the requirements of a brief. Demonstrate understanding of the media representation of an aspect of New Zealand culture or society. Demonstrate understanding of a significant development in the media.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
19	4			4	7	Yes
<b>Prerequisites:</b> Minimum of 14 Achievement Standard credits in Level 2 Media Studies or English and at the discretion of the Teacher in Charge of Media. <b>Where does this lead:</b> University Entrance Approved Subject <b>Parental Contribution:</b> Nil <b>Days out of School:</b> Nil						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
			3			19

## Music - MUS3

[\(go back to Contents\)](#)

The Year 13 Course is designed to meet the Level 8 curriculum objectives of the National Arts Curriculum. It allows students to achieve success with the Level 3 NCEA Music achievement or unit standards, based on individual student needs and ability. The programme will allow students to continue to develop in: performance, composition arranging, music history and analysis, music materials, music research and music technology and studio skills. Students in Level 3 Music will choose a project to work on and will be assessed in relevant standards to their project.

**University  
Entrance  
Approved  
Subject**

Projects include: Writing an original EP. Creating a video game soundtrack. Writing music for a documentary. Exploring electroacoustic music. Live performance art music. Any music related project.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
24						No
<b>Prerequisites:</b> Minimum if 20 Level 2 Achievement Standard credits of the Year 12 Music course and approval of the HOF Arts or TIC Music. <b>Where does this lead:</b> University Entrance Approved Subject <b>Parental Contribution:</b> \$50 <b>Days out of School:</b> 2						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
						16



## Outdoor Education - OED3

[\(go back to Contents\)](#)

A broad course encompassing a wide variety of practical outdoor activities, environmental studies encountered in Level 2 Outdoor Education.

Topics include: Canoeing. Lead an outdoor recreational activity for a group. Plan for, participate in and evaluate mountain bike rides on intermediate to expert terrain. Demonstrate quality performance of a physical activity in an applied setting. Cross River. Demonstrate bush survival skills. Demonstrate basic movement skills and the use of ice axe and crampons.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
29						No
<p><b>Prerequisites:</b> 16 credits in Level 2 Outdoor Education and TIC Outdoor Education, HOF Physical Education discretion.</p> <p><b>Where does this lead:</b> Not a University Entrance Approved Course</p> <p><b>Parental Contribution:</b> \$350</p> <p><b>Days out of School:</b> 10</p>						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	

## Pathways - PWY

[\(go back to Contents\)](#)

This course aims to assist students to become independent learners and provide qualifications to support their knowledge.

The course assists students in looking towards a suitable career path, while retaining some mainstream subjects. The individual learning programmes establish practical empowerment for senior students. Aligning their chosen pathway with relevant Unit Standards, along with sector related standards.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
<p><b>Prerequisites:</b> Open – <u>Students and parents must have consulted with Mr Robinson before they put down Pathways on their Subject Choice Form</u> and complete a signed application form prior to acceptance.</p> <p><b>Where does this lead:</b> Not a University Approved Subject</p> <p><b>Parental Contribution:</b> Costs will be incurred by the student if the course is not completed.</p> <p><b>Days out of School:</b> Optional, Taster, Gateway</p>						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	



## Performing Arts Technology - PFA3

[\(go back to Contents\)](#)

In Level 3, students build on their knowledge of Level 2 to explore advanced techniques of stage lighting, lighting design, PA systems and stage management. The students research and explore stage lighting design and complex lighting plots, rig lights for shows and run the lights for performances. The students also stage manage a performance and run sound for a performance. This course is very hands on and practical. Students will be expected to engage with various Performing Arts disciplines and to attend rehearsals and Tech Sessions. Good self-management is required.

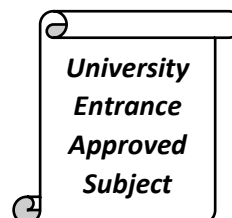
Topics include: Research, develop and apply a stage lighting design concept for a given work. Stage-manage a production. Select and apply a range of processes to enhance sound in a performance context. Research, develop and communicate a set design concept for a given work.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
24						No
<p><b>Prerequisites:</b> Level 2 PFA course and approval of HOF Arts.  <b>Where does this lead:</b> Not a University Entrance Approved Subject  <b>Parental Contribution:</b> Nil  <b>Days out of School:</b> 2</p>						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	

## Photography - PHO3

[\(go back to Contents\)](#)

Level 3 Photography is a practical course in digital photography. Students extend skills in: Creative and critical thinking about making images, and; Extending knowledge of methods and ideas. Students develop their individual practices in the field of photography.



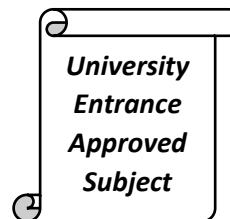
Topics include: Use drawing to demonstrate an understanding of conventions appropriate to photography. Systematically clarify ideas using drawing informed by established photography practice. Produce a systematic body of work that integrates conventions and regenerates ideas within photography practice.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
8	14					Yes
<p><b>Prerequisites:</b> 20 credits in Level 2 Photography and with the approval of the HOF Arts.  <b>Where does this lead:</b> University Entrance Approved Subject  <b>Parental Contribution:</b> Approximately \$40  <b>Days out of School:</b> Nil</p>						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	22

## Physics - PHY3

[\(go back to Contents\)](#)

This course is designed for students who wish to undertake careers that involve Physics. It continues to develop a knowledge and understanding of many Physics principles.



Topics include: Investigation relating two variables in a non-linear relationship. Demonstrate understanding of mechanical systems. Demonstrate understanding of electrical systems. Demonstrate understanding of modern physics.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
7	12					Yes
<p><b>Prerequisites:</b> At least 8 credits from External Level 2 Physics Achievement Standards and HOF Science discretion.</p> <p><b>Where does this lead:</b> University Entrance Approved Subject</p> <p><b>Parental Contribution:</b> \$25 course book</p> <p><b>Days out of School:</b> One</p>						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
23	23	16		23		

## Psychology - PSY3

[\(go back to Contents\)](#)

This course mixes practical and theoretical skills in working with Psychological concepts. Students will develop their understanding and skills through examining topics that include Abnormal Behaviour, Nature versus Nurture, Personality and Psychological experiments.

This course allows students to earn Merit and Excellence Endorsements.

Topics include: The interaction between psychological approaches. The significance of a key piece of research. How theories are applied in psychological research. Analysing a significant issue and conducting psychological research.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
19	3			22	3	Yes
<p><b>Prerequisites:</b> 16 credits of Level 2 English and/or in Level 2 Psychology and discretion of HOF/TIC Psychology.</p> <p><b>Where does this lead:</b> Not an University Entrance Approved Subject</p> <p><b>Parental Contribution:</b> Nil</p> <p><b>Days out of School:</b> Nil</p>						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	



## Sport Science - SPS3

[\(go back to Contents\)](#)

This course builds on Level 2 Sport Science. It involves students planning a training programme, skill development, issues in sport and risk management strategies. It includes the opportunity to choose between some topics of work to create a more personalised course. There are also trips for golf/paddle boarding and the Tongariro Crossing as well as regular practical tasks.

**University  
Entrance  
Approved  
Subject**

Topics include: Biochemically analyse a physical skills by self and others. Evaluate the effectiveness of a performance improvement programme. Demonstrate quality performance of a physical activity in an applied setting. Examine a current physical activity, event, trend or issue impacting on New Zealand. Demonstrate strategies for a physical activity outcome. Analyse issues in safety management for outdoor activity to devise safety management strategies.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
22				4		Yes
<b>Prerequisites:</b> 18 credits in Level 2 Sport Science, 14 credits in Level 2 English and HOF Health and Physical Education discretion. <b>Where does this lead:</b> University Entrance Approved Subject <b>Parental Contribution:</b> \$160 <b>Days out of School:</b> 4						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
4	4		22	10	11	

## Te Reo Maori - MAO3

[\(go back to Contents\)](#)

The aim of this course is to extend the students' ability to communicate in Maori and give positive and enjoyable experiences in Maori life and culture. Topics include: Myths and Legends, Film, Health, Travel and Tourism.

**University  
Entrance  
Approved  
Subject**

Topics include: Whakarongo i te reo o te ao whanui. The student is able to understand spoken Maori from the wider world. Korero i te reo o tona ao whanui.

The student is able to speak on a range of topics from the outside world. Panui kia whai maramatanga i te reo o tona ao whanui. The student is able to understand written Maori text from the wider world. Hanga tuhinga auaha i te reo o tea o whanui. Writing text in Maori on an unfamiliar topic.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
16	6			6	6	Yes
<b>Prerequisites:</b> Level 2 Te Reo Maori or at the discretion of the HOF Languages. <b>Where does this lead:</b> University Entrance Approved Subject <b>Parental Contribution:</b> Nil <b>Days out of School:</b> Nil						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
22	22	22	22	22	22	



## Tourism - TOU3

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Students will conduct significant research into the Pacific Islands, Australia and regional New Zealand as tourist destinations. Students will gain insight into the economic impact of Tourism and hone their professional skills so that they are ready to enter the Tourism and Travel workforce.

Topics include: Demonstrate knowledge of Pacific Island countries as tourist destinations. Demonstrate knowledge of Australia as a tourist destination. Describe and promote a New Zealand tourist destination. Demonstrate knowledge of the tourism industry.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
19						No
<p><b>Prerequisites:</b> Open entry, preferably 8 Level One English credits (4 reading and 4 writing) or in consultation with the HOF Social Sciences.  <b>Where does this lead:</b> Not a University Entrance Approved Subject  <b>Parental Contribution:</b> Nil  <b>Days out of School:</b> Nil</p>						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	23	Social & Community Services	Creative Industries

## Workplace Computing - WCM3

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This course will deal with the learning of intermediate office and computing skills and knowledge required by the business community. Students will develop key competencies such as problem solving, decision making and communication therefore gaining an understanding of good business practice.

Topics include: Business information processing, integration of data, spreadsheets (using Excel), computerise accounts receivable and payable system (using MYOB), reports and interview skills.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
26						No
<p><b>Prerequisites:</b> 16 credits in any Level 2 course  <b>Where does this lead:</b> Not a University Entrance Approved Course  <b>Parental Contribution:</b> Printing money  <b>Days out of School:</b> Nil</p>						
<b>Course Relationship to the National Vocational Pathways</b>						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries		Social & Community Services	Creative Industries