



**WAIMEA COLLEGE**

**Senior**

*Full Curriculum Booklet 2023*

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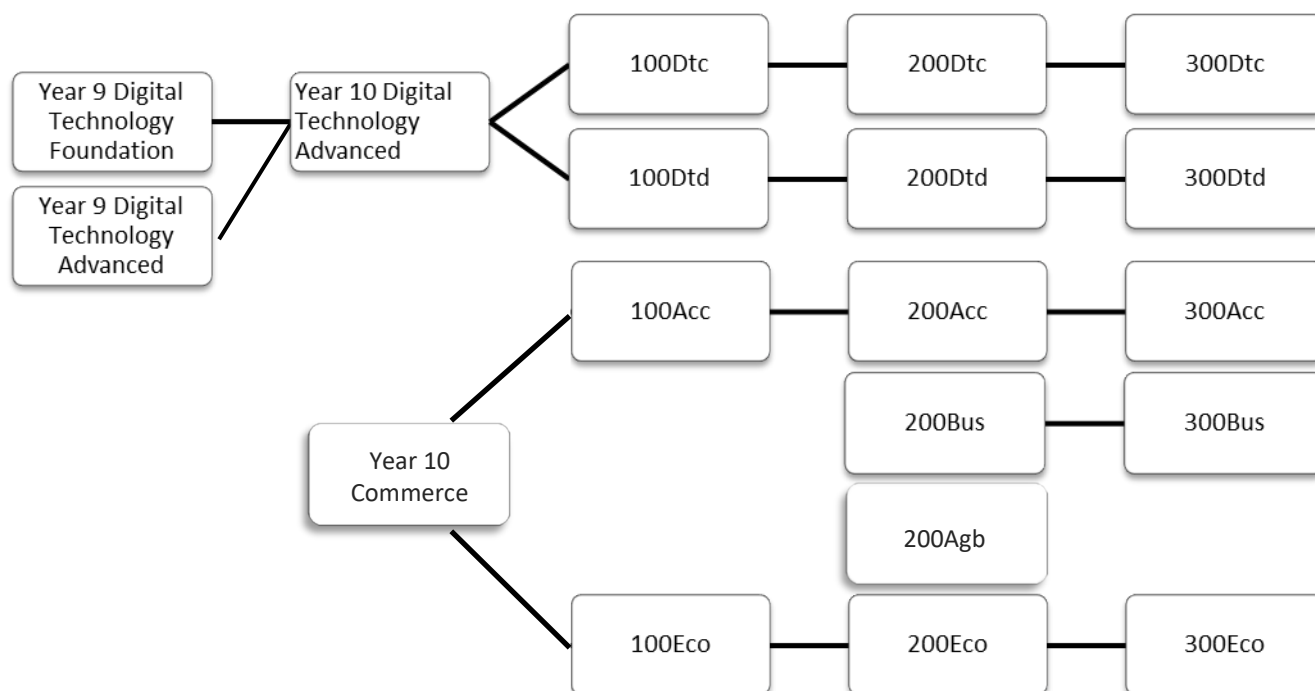
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### 100ACC - Level 1 Accounting

Our youth need knowledge and skills to help them make good money decisions at each life stage. Accounting helps them to do this and enables students to develop financial capability skills to manage the financial affairs of individuals, communities and businesses. These are all useful skills for the self-employed or those wanting to become a business manager.

**Note:** Not all of the listed Standards will be covered – choices will be made in negotiation with the class teacher.

**Course Cost:** \$25.00 for Accounting Learning Workbook.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90980 v3	Accounting 1.5 - Interpret accounting information for sole proprietors	I	4	Y		
A.S. 90979 v3	Accounting 1.4 - Prepare financial information for a community organisation's annual general meeting	I	4	Y		
A.S. 90978 v3	Accounting 1.3 - Prepare financial statements for sole proprietors	E	5			
A.S. 90977 v3	Accounting 1.2 - Process financial transactions for a small entity	I	5			
		Total Credits	18	8	0	0

## 100DTC - Level 1 Digital Technology Communications

Without effective communication, great ideas can remain unheard. This course will help you get your ideas and messages to people if you want to make a difference and impact the world. Whether this is via printed posters, video animations, product branding or social media posts, great design is crucial. This course will introduce you to the knowledge and skills you need to communicate ideas so that people take notice.

**Course Cost:** Printing, including colour.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91884 v1	Digital Technologies 1.8 - Use basic iterative processes to develop a digital outcome	I	6	Y		
A.S. 91880 v1	Digital Technologies 1.4 - Develop a digital media outcome	I	4	Y		
A.S. 91879 v1	Digital Technologies 1.3 - Develop a digital outcome to manage data	I	4	Y		
A.S. 91878 v1	Digital Technologies 1.2 - Develop a design for a digital outcome	I	3	Y		
A.S. 91053 v4	Generic Technology 1.10 - Demonstrate understanding of design elements	E	3	Y		
		Total Credits	20	20	0	0

## 100DTD - Level 1 Digital Technology Development

In a digital world, imagine being able to create the applications and websites that people use every day. This course will teach you how to take control of digital devices, how to code applications, how to develop websites, how to process and analyse data and how to create the sort of user experience (UX) that engages and thrills people. With Level 1 Digital Technology Development you will take your first steps in developing our digital future.

**Course Cost:** Printing, including colour, headphones and memory stick.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91886 v1	Digital Technologies 1.10 - Demonstrate understanding of human computer interaction	E	3	Y		
A.S. 91885 v1	Digital Technologies 1.9 - Demonstrate understanding of searching and sorting algorithms	I	3	Y		
A.S. 91884 v1	Digital Technologies 1.8 - Use basic iterative processes to develop a digital outcome	I	6	Y		
A.S. 91883 v1	Digital Technologies 1.7 - Develop a computer program	I	4			
A.S. 91880 v1	Digital Technologies 1.4 - Develop a digital media outcome	I	4	Y		
		Total Credits	20	16	0	0

## 100ECO - Level 1 Economics

Economics will make you a better decision maker. You already know how it feels to experience scarcity but do you know what scarcity means and how to make the most of your limited resources? Economics will help you to understand this and much more about the choices you face. You will be able to explain why consumers, producers and the government make the decisions they do about resources and understand how events such as earthquakes, pandemics and fashions affect the world around us. Numerical, analytical and problem-solving skills will be developed.

**Note:** Not all of the listed Standards will be covered – choices will be made in negotiation with the class teacher.

**Course Cost:** \$25.00 workbook.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90988 v3	Economics 1.6 - Demonstrate understanding of the interdependence of sectors of the New Zealand economy	I	3	Y		
A.S. 90987 v3	Economics 1.5 - Demonstrate understanding of a government choice where affected groups have different viewpoints	I	4	Y		
A.S. 90986 v3	Economics 1.4 - Demonstrate understanding of how consumer, producer and/or government choices affect society, using market equilibrium	E	5	Y		
A.S. 90984 v3	Economics 1.2 - Demonstrate understanding of decisions a producer makes about production	I	5	Y		
A.S. 90983 v3	Economics 1.1 - Demonstrate understanding of consumer choices, using scarcity and/or demand	E	4	Y		
		Total Credits	21	21	0	0

## 200ACC - Level 2 Accounting

This course builds on the knowledge and skills of financial processing and reporting gained in Level 1 Accounting and develops useful employment skills. Students will investigate how a local business protects one of its most valuable assets, stock, against theft and fraud. They will also investigate how a contemporary accounting issue impacts the decision-making of a local entity. In combination with Economics, Accounting is a sound platform for future studies in commerce and business administration.

**Note:** An alternative pathway is available within this option involving Unit Standards in Financial Capability for students wishing to improve their financial literacy.

**Recommended Entry Criteria:** 12 credits in Level 1 Accounting or see HOD.

**Course Cost:** \$26.00 for Accounting Learning Workbook.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91481 v2	Accounting 2.5 - Demonstrate understanding of a contemporary accounting issue for decision-making	I	4	Y		
A.S. 91386 v2	Accounting 2.7 - Demonstrate understanding of an inventory subsystem for an entity	I	3	Y		Y
A.S. 91176 v2	Accounting 2.3 - Prepare financial information for an entity that operates accounting subsystems	E	5			Y
A.S. 91177 v2	Accounting 2.4 - Interpret accounting information for entities that operate accounting subsystems	E	4	Y		Y
		Total Credits	16	11	0	12

## 200AGB - Level 2 Agribusiness

Agribusiness integrates all the primary industries and their associated business. Through focussed learning, students build knowledge of supply chains and engage in future and innovative thinking, developing problem-solving and lifelong skills. The influence of economic, environmental, political, technological, historical, social, ethical and cultural influences on agribusinesses are studied, as well as the interrelationships of science, business and technology.

**Recommended Entry Criteria:** NCEA Level 1 English, Mathematics or Accounting, or see HOD.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91297 v2	Agricultural and Hort. Science 2.9 - Demonstrate understanding of land use for primary production in New Zealand	E	4	Y		
A.S. 91865 v1	Agribusiness 2.7 - Demonstrate understanding of future proofing influences that affect business viability	I	4	Y		
A.S. 91866 v1	Agribusiness 2.8 - Conduct an inquiry into the use of organisms to meet future needs	I	4	Y		
A.S. 91867 v1	Agribusiness 2.9 - Demonstrate understanding of a primary industry business structure that best meets the strategic needs of a business	I	3	Y		
A.S. 91295 v2	Agricultural and Horticultural Science 2.7 - Demonstrate understanding of interactions between livestock behaviour and NZ commercial management practices	I	4	Y		
		Total Credits	19	19	0	0

## 200BUS - Level 2 Business Studies

This course develops students' knowledge and understanding of business theory and practices in a range of different contexts. A major component is experiential learning where students work in teams and assume the role of a director of their own enterprise company, planning and taking to market a community focused business venture. This course develops skills in product innovation, supply chain management, marketing and financial literacy. Students will need to be self-managing and self-motivated.

**Recommended Entry Criteria:** NCEA Level 1 in English & Mathematics or see HOD.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90848 v2	Business Studies 2.6 - Carry out, review and refine a business activity within a community context with guidance	I	9	Y		
A.S. 90846 v2	Business Studies 2.4 - Conduct market research for a new or existing product	I	3	Y		Y
A.S. 90845 v2	Business Studies 2.3 - Apply business knowledge to a critical problem(s) in a given large business context	E	4	Y		
		Total Credits	16	16	0	3



## 200DTC - Level 2 Digital Technology Communications

If you have taken your first steps in learning how to communicate great ideas, ideas that could shape our future, and you want to learn more, this is the course for you. The course will improve your design and creative skills so that your work really captures people's attention. Once you have their attention you can drive your message home and even influence the way they think. With 200DTC, learn how to harness the power of communication through great design.

**Recommended Entry Criteria:** 11 credits in Level 1 Digital Technology Communications or see HOD.

**Course Cost:** Printing, including colour.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91899 v1	Digital Technologies and Hangarau Matihiko 2.10 - Present a summary of developing a digital outcome	E	3	Y		
A.S. 91893 v1	Digital Technologies and Hangarau Matihiko 2.4 - Use advanced techniques to develop a digital media outcome	I	4			
A.S. 91892 v1	Digital Technologies and Hangarau Matihiko 2.3 - Use advanced techniques to develop a database	I	4			
A.S. 91897 v1	Digital Technologies and Hangarau Matihiko 2.8 - Use advanced processes to develop a digital technologies outcome	I	6			
		Total Credits	17	3	0	0

## 200DTD - Level 2 Digital Technology Development

If you have decided that you want to be in the driving seat of a digital future, and not simply a consumer of digital content or a mere user of digital devices, then this course is for you. The course will give you further insight into digital devices and how your code can program and control them. You will improve your coding skills, your ability to work with and analyse data and you will refine your user experience (UX) design techniques, making your websites and applications a pleasure to use.

**Recommended Entry Criteria:** 12 credits in Level 1 Digital Technology Development or see HOD.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91898 v1	Digital Technologies and Hangarau Matihiko 2.9 - Demonstrate understanding of a computer science concept	E	3	Y		
A.S. 91896 v1	Digital Technologies and Hangarau Matihiko 2.7 - Use advanced programming techniques to develop a computer program	I	6			
A.S. 91893 v1	Digital Technologies and Hangarau Matihiko 2.4 - Use advanced techniques to develop a digital media outcome	I	4			
A.S. 91892 v1	Digital Technologies and Hangarau Matihiko 2.3 - Use advanced techniques to develop a database	I	4			
		Total Credits	17	3	0	0

## 200ECO - Level 2 Economics

Economics is for those interested in understanding the impact of COVID-19 and other external influences on the New Zealand economy. This course relates to every aspect of our lives, from the decisions we make as individuals, to the structures created by governments and firms. Why does the real value of the New Zealand Dollar in our pocket change? What are the causes of job losses? What decisions can the government make to improve economic activity? You will gain a better understanding of current affairs and news headlines.

**Note:** An alternative pathway is available within this option involving Unit Standards in Financial Capability for students wishing to improve their financial literacy.

**Recommended Entry Criteria:** NCEA Level 1 English and Mathematics, and 12 credits in Level 1 Economics, or see HOD.

**Course Cost:** \$26.00 Economics Learning Workbook.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91227 v2	Economics 2.6 - Analyse how government policies and contemporary economic issues interact	I	6	Y	6r	
A.S. 91225 v2	Economics 2.4 - Analyse unemployment using economic concepts and models	I	4	Y		
A.S. 91224 v2	Economics 2.3 - Analyse economic growth using economic concepts and models	E	4	Y	4w	
A.S. 91222 v2	Economics 2.1 - Analyse inflation using economic concepts and models	E	4	Y	4w	
		Total Credits	18	18	14	0

## 300ACC - Level 3 Accounting

Level 3 Accounting will appeal to students who have already developed a sound knowledge and understanding of processing and reporting financial information for a sole proprietor. At this level, students will progress and study partnership and company accounts. In combination with Economics, Accounting is a sound platform for future studies in commerce and business administration.

**Note:** An alternative pathway is available within this option involving Unit Standards in Financial Capability for students wishing to improve their financial literacy.

**Recommended Entry Criteria:** 12 credits in Level 2 Accounting.

**Course Cost:** \$28.00 for Accounting Learning Workbook.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91409 v2	Accounting 3.6 - Demonstrate understanding of a job cost subsystem for an entity	I	4	Y		Y
A.S. 91407 v2	Accounting 3.4 - Prepare a report for an external user that interprets the annual report of a New Zealand reporting entity	I	5	Y	5r,5w	Y
A.S. 91406 v2	Accounting 3.3 - Demonstrate understanding of company financial statement preparation	E	5			Y
A.S. 91405 v2	Accounting 3.2 - Demonstrate understanding of accounting for partnerships	I	4			Y
		Total Credits	18	9	5	18



### 300BUS - Level 3 Business Studies

This course challenges students to work in a team to run their own young enterprise business for NCEA credits and compete in the Lion Foundation Young Enterprise Challenge. Alongside this they will plan a marketing campaign. Students will need to be innovative, forward thinking and self-motivated.

**Recommended Entry Criteria:** NCEA Level 2 English, Level 1 Mathematics, and 12 credits in Level 2 Business Studies, or see HOD.

**Course Cost:** \$35.00 Young Enterprise Registration Fee.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91384 v2	Business Studies 3.6 - Carry out, with consultation, an innovative and sustainable business activity	I	9	Y	9r	
A.S. 91382 v2	Business Studies 3.4 - Develop a marketing plan for a new or existing product	I	6	Y	6r	
A.S. 91379 v2	Business Studies 3.1 - Demonstrate understanding of how internal factors interact within a business that operates in a global context	E	4	Y	4r,4w	
		Total Credits	19	19	19	0

### 300DTC - Level 3 Digital Technology Communications

Great design can help communicate ideas and ideas can effect change in the world. If you want to take your design and creative skills to the next level, then this course is for you. You will learn to use advanced and complex design techniques to produce digital products that communicate their message with subtlety, finesse and impact. Additionally you will learn to manage large projects successfully, work with others effectively and ensure your ideas are being heard loud and clear.

**Recommended Entry Criteria:** 6-9 credits in Level 2 Digital Technology Communications or see HOD.

**Course Cost:** Printing, including colour.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91909 v1	Digital Technologies and Hangarau Matihiko 3.10 - Present a reflective analysis of developing a digital outcome	E	3	Y		
A.S. 91903 v1	Digital Technologies and Hangarau Matihiko 3.4 - Use complex techniques to develop a digital media outcome	I	4			
A.S. 91902 v1	Digital Technologies and Hangarau Matihiko 3.3 - Use complex techniques to develop a database	I	4			
A.S. 91907 v1	Digital Technologies and Hangarau Matihiko 3.8 - Use complex processes to develop a digital technologies outcome	I	6			
		Total Credits	17	3	0	0

### 300DTD - Level 3 Digital Technology Development

If you already have a strong foundation in programming, database and web development skills, and an understanding of how digital devices work, but you want to take these skills to the next level, then this course is for you. You will follow industry best-practices to manage projects and use complex techniques to develop interactive, database-driven web applications. Using object-oriented programming (OOP) you will code computer programs, complete with graphical user interfaces (GUIs). Each of your projects will be skilfully designed to deliver a great user experience (UX).

**Recommended Entry Criteria:** 12 credits in Level 2 Digital Technology Development or see HOD.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91908 v1	Digital Technologies and Hangarau Matihiko 3.9 - Analyse an area of computer science	E	3	Y	3w	
A.S. 91906 v1	Digital Technologies and Hangarau Matihiko 3.7 - Use complex programming techniques to develop a computer program	I	6			
A.S. 91903 v1	Digital Technologies and Hangarau Matihiko 3.4 - Use complex techniques to develop a digital media outcome	I	4			
A.S. 91902 v1	Digital Technologies and Hangarau Matihiko 3.3 - Use complex techniques to develop a database	I	4			
		Total Credits	17	3	3	0

### 300ECO - Level 3 Economics

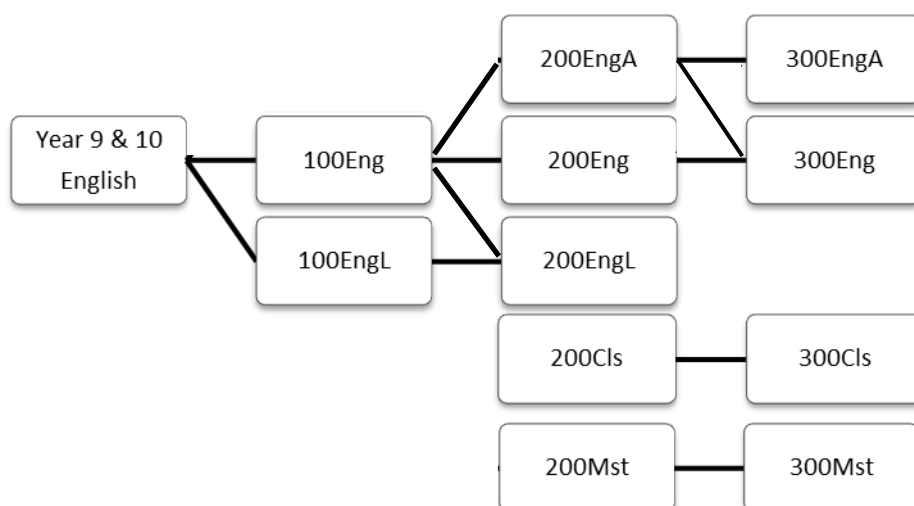
Economics at NCEA Level 3 explores the market economy in detail, looking at the role and efficiency of market forces and influences on the New Zealand economy, including the role of government. Students also explore macro-economic influences to gain an understanding of the current state of the New Zealand economy. If you want to become an influencer, then this is the course for you.

**Note:** An alternative pathway is available within this option involving Unit Standards in Financial Capability for students wishing to improve their financial literacy.

**Recommended Entry Criteria:** NCEA Level 2 English, Mathematics, and 12 credits in Level 2 Economics, or see HOD.

**Course Cost:** \$28.00 for Economics Learning Workbook.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91403 v2	Economics 3.5 - Demonstrate understanding of macro-economic influences on the New Zealand economy	E	6	Y	6r,6w	
A.S. 91402 v3	Economics 3.4 - Demonstrate understanding of government interventions where the market fails to deliver efficient or equitable outcomes	I	5	Y	5r	
A.S. 91401 v2	Economics 3.3 - Demonstrate understanding of micro-economic concepts	I	5	Y	5r	
A.S. 91399 v2	Economics 3.1 - Demonstrate understanding of the efficiency of market equilibrium	E	4	Y	4r,4w	
		Total Credits	20	20	20	0



### 100ENG - Level 1 English

100 English classes will build on the skills developed in Years 9 and 10 and will focus on becoming familiar with the Standards needed in later years for continuing with English at NCEA Level 2 and for attending university. The course is based on critical analysis of and response to texts, and advancing writing skills.

**Recommended Entry Criteria:** *Level 1 English is compulsory in Year 11.* Not all of the listed Standards will be covered, choices will be negotiated with the class teacher, but all classes will attempt 1 or 2 externals and 3 or 4 internals to reach a total of 5 assessments.

Teacher consultation and guidance at course selection time will be vital.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90856 v2	English 1.11 - Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence	I	3	Y		
A.S. 90854 v2	English 1.10 - Form personal responses to independently read texts, supported by evidence	I	4	Y		
A.S. 90853 v2	English 1.9 - Use information literacy skills to form conclusion(s)	I	4	Y		
A.S. 90852 v2	English 1.8 - Explain significant connection(s) across texts, using supporting evidence	I	4	Y		
A.S. 90851 v2	English 1.3 - Show understanding of significant aspects of unfamiliar written text(s) through close reading, using supporting evidence	E	4	Y		
A.S. 90850 v4	English 1.2 - Show understanding of specified aspect(s) of studied visual or oral text(s), using supporting evidence	E	4	Y		
A.S. 90849 v3	English 1.1 - Show understanding of specified aspect(s) of studied written text(s), using supporting evidence	E	4	Y		
A.S. 90053 v5	English 1.5 - Produce formal writing	I	3	Y		
A.S. 90052 v5	English 1.4 - Produce creative writing	I	3	Y		
		Total Credits	33	33	0	0

**100ENGL - Level 1 English Literacy**

The Literacy class is an internal course. It is designed to give you the opportunity to gain the co-requisite Literacy standards for NCEA and has a strong visual and communications focus.

**Note:** Not all of the listed Standards will be covered – choices will be made in negotiation with the class teacher.

**Recommended Entry Criteria:** Teacher consultation and guidance at course selection time will be vital.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90856 v2	English 1.11 - Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence	I	3	Y		
A.S. 90855 v3	English 1.7 - Create a visual text	I	3	Y		
A.S. 90852 v2	English 1.8 - Explain significant connection(s) across texts, using supporting evidence	I	4	Y		
U.S. 10792 v5	Communication Skills - Write formal personal correspondence	I	3			
U.S. 7120 v6	Demonstrate knowledge of note taking	I	2			
U.S. 7121 v6	Demonstrate skills to search and select information	I	2			
U.S. 32403 v1	Read written texts to understand ideas and information	E	5	Y		
U.S. 32405 v1	Write texts to communicate ideas and information	E	5	Y		
		Total Credits	27	20	0	0

**200ENGA - Level 2 Advanced English**

The Advanced class will be focusing on offering you the standards needed for University Entrance (UE). It is based on critical analysis of written texts and advancing your writing skills.

**Note:** This course has a strong focus on the exams to enable you to gain an English subject endorsement. Two externals will be attempted and at least two internals. Choices will be negotiated with the class teacher.

**Recommended Entry Criteria:** 14 Merit or Excellence credits in 100Eng, which include passes in the Level 1 exams and the Writing and Reading Standards. Teacher consultation and guidance at course selection time will be vital.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91107 v2	English 2.10 - Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence	I	3	Y		
A.S. 91106 v2	English 2.9 - Form developed personal responses to independently read texts, supported by evidence	I	4	Y	4r	
A.S. 91105 v2	English 2.8 - Use information literacy skills to form developed conclusion(s)	I	4	Y	4r	
A.S. 91101 v2	English 2.4 - Produce a selection of crafted and controlled writing	I	6	Y	6w	
A.S. 91100 v2	English 2.3 - Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence	E	4	Y	4r,4w	
A.S. 91099 v4	English 2.2 - Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence	E	4	Y	4w	
A.S. 91098 v3	English 2.1 - Analyse specified aspect(s) of studied written text(s), supported by evidence	E	4	Y	4r,4w	
		Total Credits	29	29	26	0

**200ENG - Level 2 English**

This class will offer you the standards needed for University Entrance (UE). **One external** will be attempted and **at least three internals**. Choices will be negotiated with the class teacher (18 - 22 credits).

**Recommended Entry Criteria:** 14 credits in 100Eng, which include passes in the Writing and Reading Standards. Teacher consultation and guidance at course selection time will be vital.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91107 v2	English 2.10 - Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence	I	3	Y		
A.S. 91104 v2	English 2.7 - Analyse significant connections across texts, supported by evidence	I	4	Y		
A.S. 91101 v2	English 2.4 - Produce a selection of crafted and controlled writing	I	6	Y	6w	
A.S. 91105 v2	English 2.8 - Use information literacy skills to form developed conclusions(s)	I	4	Y	4r	
A.S. 91106 v2	English 2.9 - Form developed personal responses to independently read texts, supported by evidence	I	4	Y	4r	
A.S. 91098 v3	English 2.1 - Analyse specified aspect(s) of studied written text(s), supported by evidence	E	4	Y	4r, 4w	
A.S. 91099 v4	English 2.2 - Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence	E	4	Y	4w	
A.S. 91100 v2	English 2.3 - Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence	E	4	Y	4r, 4w	
		Total Credits	33	33	26	0

**200ENGL - Level 2 English Literacy**

The Literacy class is an internal course. It is designed to ensure that you have the opportunity to achieve English and Communication Skills standards. It has a strong visual and communications focus.

**Note:** This course does not offer UE Literacy and no endorsement is available.

**Recommended Entry Criteria:** Less than 14 English Level 1 credits but with at least 8 Level 1 English credits. Teacher consultation and guidance at course selection time will be vital.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91107 v2	English 2.10 - Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence	I	3	Y		
A.S. 91102 v2	English 2.5 - Construct and deliver a crafted and controlled oral text	I	3	Y		
A.S. 91103 v3	English 2.6 - Create a crafted and controlled visual and verbal text	I	3	Y		
U.S. 25073 v3	Read texts to recognise differing points of view on a topic	I	3			
U.S. 3488 v6	Communication Skills - Write business correspondence for a workplace	I	3			
U.S. 3492 v7	Write a short report	I	3			
U.S. 4252 v8	Core Generic - Produce personal targeted CV (curriculum vitae)	I	2			
		Total Credits	20	9	0	0

## 200CLS - Level 2 Classical Studies

This course is an introduction to the civilisations of classical Greece and Rome. The course incorporates history, literature and art from these periods, most of which is the very foundation of our culture and society in present day New Zealand. It involves the study of areas including the Olympian Gods, Sparta, Trojan War, how the Romans lived, as well as many other areas.

Classical Studies enables students to think critically about the world around them, make links between the past and the influence it has on them today, gather, classify and analyse evidence, judge opposing opinions and present conclusions appropriately.

**Recommended Entry Criteria:** 14 credits Level 1 English or discuss with Teacher in Charge.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91204 v2	Classical Studies 2.5 - Demonstrate understanding of the relationship between aspects of the classical world and aspects of other cultures	I	6	Y	6r	
A.S. 91202 v3	Classical Studies 2.3 - Demonstrate understanding of a significant event in the classical world	I	4	Y	4r	
A.S. 91200 v2	Classical Studies 2.1 - Examine ideas and values of the classical world	E	4	Y	4r,4w	
A.S. 91203 v2	Classical Studies 2.4 - Examine socio-political life in the classical world	E	6	Y	6r,6w	
		Total Credits	20	20	20	0

## 200MST - Level 2 Media Studies

The world is increasingly influenced by mass media. This course will enable students to become aware of the media's influence and, at the same time, experience some practical production. Students must be able to work in a group situation and will be expected to give up extensive amounts of their own time. Students are expected to have access to computers as part of their homework.

**Recommended Entry Criteria:** 12 credits Level 1 English. Consultation with English teacher or Mr McHaffie.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91249 v3	Media Studies 2.2 - Demonstrate understanding of narrative in media texts	I	4	Y		
A.S. 90990 v3	Media Studies 1.2 - Demonstrate understanding of selected elements of media text(s)	E	3	Y		
A.S. 91252 v2	Media Studies 2.5 - Produce a design and plan for a developed media product using a range of conventions	I	4	Y		
A.S. 91253 v3	Media Studies 2.6 - Complete a developed media product from a design and plan using a range of conventions	I	6	Y		
A.S. 91254 v2	Media Studies 2.7 - Demonstrate understanding of an ethical issue in the media	I	3	Y		
		Total Credits	20	20	0	0

### 300ENGA - Level 3 Advanced English for Experts

This course is for students who are likely to study or need English at tertiary level. It is a highly academic subject that gives students the tools to be “critically aware”. This course is recommended for those thinking of taking Scholarship and allows for subject endorsement.

**Note:** Not all of the listed Standards will be covered – choices will be made in negotiation with the class teacher to a **maximum** of 22 credits. Subject endorsement possible.

**Recommended Entry Criteria:** Merit or Excellence, 14 Level 2 English Achievement Standard credits, which include passes in the Level 2 external exams in English. Teacher consultation and guidance at course selection time will be vital.

Assessment	Description	Internal or External	Credits	L1 Lit. Credits	UE Lit. Credits	Num. Credits
A.S. 91479 v1	English 3.8 - Develop an informed understanding of literature and/or language using critical texts	I	4	Y	4r	
A.S. 91475 v1	English 3.4 - Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas	I	6	Y	6w	
A.S. 91474 v1	English 3.3 - Respond critically to significant aspects of unfamiliar written texts through close reading, supported by evidence	E	4	Y	4r, 4w	
A.S. 91472 v1	English 3.1 - Respond critically to specified aspect(s) of studied written text(s), supported by evidence	E	4	Y	4r, 4w	
A.S. 91473 v1	English 3.2 - Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence	E	4	Y	4w	
A.S. 91476 v1	English 3.5 - Create and deliver a fluent and coherent oral text which develops, sustains, and structures ideas	I	3	Y		
A.S. 91478 v1	English 3.7 - Respond critically to significant connections across texts, supported by evidence	I	4	Y		
		Total Credits	29	29	22	0

### 300ENG - Level 3 English

This course is an academic English programme and we will be building in some options. It seeks to foster the skills needed to see how texts are created and structured for a particular purpose. It also focuses on improving and refining skills such as listening, reading, viewing, speaking, writing and presenting.

**Note:** Not all of the listed Standards will be covered – choices will be made in negotiation with the class teacher to a maximum of 20 / 21 credits. Subject endorsement possible.

**Recommended Entry Criteria:** At least 14 Level 2 English Achievement Standards. Teacher consultation and guidance at course selection time will be vital.

Assessment	Description	Internal or External	Credits	L1 Lit. Credits	UE Lit. Credits	Num. Credits
A.S. 91480 v1	English 3.9 - Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence	I	3	Y		
A.S. 91478 v1	English 3.7 - Respond critically to significant connections across texts, supported by evidence	I	4	Y		
A.S. 91475 v1	English 3.4 - Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas	I	6	Y	6w	
A.S. 91476 v1	English 3.5 - Create and deliver a fluent and coherent oral text which develops, sustains, and structures ideas	I	3	Y		
A.S. 91473 v1	English 3.2 - Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence	E	4	Y	4w	
A.S. 91472 v1	English 3.1 - Respond critically to specified aspect(s) of studied written text(s), supported by evidence	E	4	Y	4r, 4w	
A.S. 91474 v1	English 3.3 - Respond critically to significant aspects of unfamiliar written texts through close reading, supported by evidence	E	4	Y	4r, 4w	
		Total Credits	28	28	18	0



### 300CLS - Level 3 Classical Studies

This course studies the civilisations of classical Greece and Rome. The course incorporates history, literature and art from these periods, most of which is the very foundation of our culture and society in present day New Zealand. It involves the study of Alexander the Great and his conquest of the Persian Empire, the founding of the Roman Empire by the Emperor Augustus, the Colosseum and other famous structures and art works. Classical Studies enables students to think critically about the world around them, make links between the past and the influence it has on them today, gather, classify and analyse evidence, judge opposing opinions and present conclusions appropriately.

**Recommended Entry Criteria:** 14 credits in Level 2 Classics/English, History or Psychology, or discuss with Teacher in Charge.

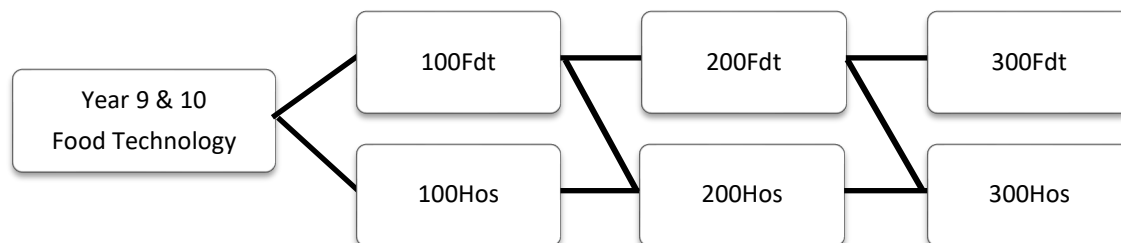
Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91398 v2	Classical Studies 3.5 - Demonstrate understanding of the lasting influences of the classical world on other cultures across time	I	6	Y	6r	
A.S. 91397 v2	Classical Studies 3.4 - Demonstrate understanding of significant ideology(ies) in the classical world	I	6	Y	6r	
A.S. 91396 v2	Classical Studies 3.3 - Analyse the impact of a significant historical figure on the classical world	E	6	Y	6r,6w	
		Total Credits	18	18	18	0

### 300MST - Level 3 Media Studies

This is a course that has two aspects based on an understanding and use of media techniques. There will be a strong emphasis on theory production within this course, but there is also a practical component, (in print media, radio or film). This course is designed for students aiming at tertiary courses in communications related field.

**Recommended Entry Criteria:** 12 Level 2 Media Studies or English credits. Consultation with English teacher or Mr McHaffie.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91496 v2	Media Studies 3.7 - Demonstrate understanding of a significant development in the media	I	3	Y		
A.S. 91495 v2	Media Studies 3.6 - Produce a media product to meet the requirements of a brief	I	6	Y		
A.S. 91494 v2	Media Studies 3.5 - Produce a design for a media product that meets the requirements of a brief	I	4	Y		
A.S. 91493 v3	Media Studies 3.4 - Demonstrate understanding of a relationship between a media genre and society	E	4	Y	4r,4w	
A.S. 91491 v2	Media Studies 3.2 - Demonstrate understanding of the meaning of a media text through different readings	I	3	Y		
		Total Credits	20	20	4	0



### 100FDT - Level 1 Food Technology

The course covers food safety and healthy eating for teenagers and identifies societal influences on food choices. Practical lessons, when appropriate, cover safely preparing and presenting healthy food in preparation for assessment.

**Course Cost:** Supply some ingredients.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90960 v3	Home Economics 1.5 - Demonstrate understanding of how an individual, the family and society enhance each other's well-being	E	4	Y		
A.S. 90959 v3	Home Economics 1.4 - Demonstrate knowledge of practices and strategies to address food handling issues	I	5	Y		
A.S. 90957 v3	Home Economics 1.2 - Demonstrate understanding of societal influences on an individual's food choices and well-being	I	5	Y		
A.S. 90956 v3	Home Economics 1.1 - Demonstrate knowledge of an individual's nutritional needs	I	5			
		Total Credits	19	14	0	0

### 100HOS - Level 1 Hospitality

This course recognises the competence, knowledge and skills required for cooking food dishes in a simulated commercial kitchen environment. The programme combines theory with practical hands-on learning. Students are required to bring some ingredients for weekly practical assessments. Preparing and presenting meat dishes is a requirement for assessment.

**Course Cost:** Supply some ingredients.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 21059 v4	Demonstrate knowledge of knife care, use, storage, and carrying for the hospitality industry	I	2			
U.S. 21058 v5	Identify career pathways in the hospitality industry	I	2			
U.S. 19770 v4	Prepare and present egg and cheese dishes in the hospitality industry	I	3			
U.S. 15921 v5	Prepare and cook a cake, a sponge and a batch of scones in the hospitality industry	I	3			
U.S. 15920 v5	Prepare and present sauce and soup in the hospitality industry	I	2			
U.S. 15919 v5	Prepare and present hot finger food in the hospitality industry	I	2			
U.S. 15901 v5	Prepare and present fruit and vegetables in the hospitality industry	I	3			
U.S. 15900 v5	Prepare and present meat in the hospitality industry	I	4			
		Total Credits	21	0	0	0

## 200FDT - Level 2 Food Technology

The course gives students the opportunity to explore issues relevant to New Zealand today in the area of food and nutrition. Students participate in practical lessons.

**Recommended Entry Criteria:** Completed Level 1 Food Technology or Level 1 Health or see HOD.

**Course Cost:** Supply some ingredients.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91304 v2	Home Economics 2.6 - Evaluate health promoting strategies designed to address nutritional needs	E	4	Y	4w	
A.S. 91302 v2	Home Economics 2.4 - Evaluate sustainable food related practices	I	5	Y		
A.S. 91301 v2	Home Economics 2.3 - Analyse beliefs, attitudes and practices related to a nutritional issue for families in New Zealand	I	5	Y		
A.S. 91299 v2	Home Economics 2.1 - Analyse issues related to the provision of food for people with specific food needs	I	5	Y		
		Total Credits	19	19	4	0

## 200HOS - Level 2 Hospitality

This course is designed to replicate some elements of a commercial food environment. This means that students are assessed against the requirements of the Food Act 2014 and the Health and Safety at Work Act 2015. Achieving the Unit Standards offered means a student has "consistently and competently" demonstrated the range of skills required in a commercial food premises.

**Course Cost:** Supply some ingredients.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 13285 v5	Handle and maintain knives in a commercial kitchen	I	2			
U.S. 13283 v5	Prepare and present salads for service	I	2			
U.S. 13281 v6	Prepare and present basic sandwiches for service	I	2			
U.S. 13280 v6	Prepare fruit and vegetable cuts in a commercial kitchen	I	2			
U.S. 13278 v5	Cook food items by roasting	I	2			
U.S. 13276 v5	Cook food items by grilling	I	2			
U.S. 13271 v5	Cook food items by frying	I	2			
U.S. 167 v8	Practise food safety methods in a food business under supervision	I	4			
		Total Credits	18	0	0	0

### 300FDT - Level 3 Food Technology

This course gives students the opportunity to investigate nutritional issues affecting New Zealand society. The programme combines theory, research and some practical lessons.

**Recommended Entry Criteria:** Level 1 or Level 2 Food Technology or Level 1 or Level 2 Health or see HOD.

**Course Cost:** Supply some ingredients.

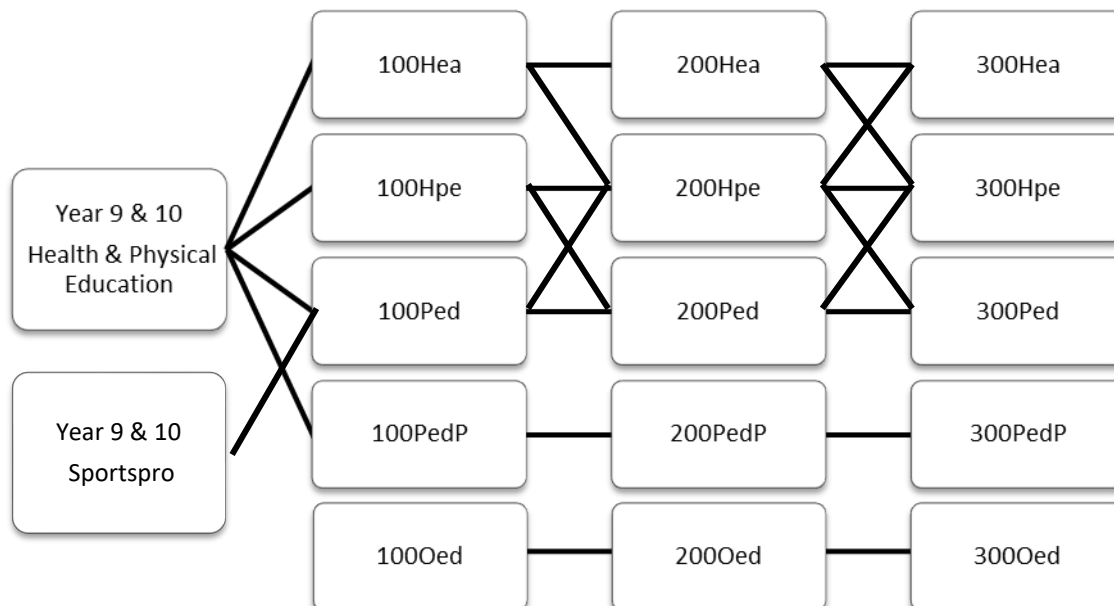
Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91470 v2	Home Economics 3.5 - Evaluate conflicting nutritional information relevant to well-being in New Zealand society	E	4	Y	4r,4w	
A.S. 91467 v2	Home Economics 3.2 - Implement an action plan to address a nutritional issue affecting the well-being of New Zealand society	I	5	Y		
A.S. 91466 v2	Home Economics 3.1 - Investigate a nutritional issue affecting the well-being of New Zealand society	I	5	Y	5r	
A.S. 91471 v2	Home Economics 3.6 - Analyse the influences of food advertising on well-being	E	4	Y	4w	
		Total Credits	18	18	13	0

### 300HOS - Level 3 Hospitality

This course is aimed at students interested in entering the food industry. This programme combines theory with some practical lessons.

**Course Cost:** Supply some ingredients.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 18497 v7	Demonstrate knowledge of culinary products, terms, and food preparation methods	I	8			
U.S. 13343 v6	Demonstrate knowledge of nutrition in commercial catering	I	5			
U.S. 13331 v5	Prepare and cook pickles, chutneys, and preserves in a commercial kitchen	I	4			
U.S. 168 v7	Demonstrate knowledge of food contamination hazards, and control methods used in a food establishment	I	4			
		Total Credits	21	0	0	0



### 100HEA - Level 1 Health Education

This is a predominantly internally assessed NCEA Health Education course. The programme is based on 5 modules. The course is recommended for students who will continue on to Level 2 Health.

**Note:** Students can only study one course in either Health or Physical Education.

**Recommended Entry Criteria:** Consultation with Year 10 Health & Physical Education teacher.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91097 v3	Health 1.3 - Demonstrate understanding of ways in which well-being can change and strategies to support well-being	I	4	Y		
A.S. 90975 v3	Health 1.6 - Demonstrate understanding of issues to make health-enhancing decisions in drug-related situations	E	4	Y		
A.S. 90974 v4	Health 1.5 - Demonstrate understanding of strategies for promoting positive sexuality	I	4	Y		
A.S. 90972 v3	Health 1.2 - Demonstrate understanding of influences on adolescent eating patterns to make health-enhancing recommendations	E	4	Y		
A.S. 90971 v3	Health 1.1 - Take action to enhance an aspect of personal well-being	I	3	Y		
		Total Credits	19	19	0	0

## 100HPE - Level 1 Health & Physical Education

This course includes both Health and Physical Education standards. It is 100% internally assessed and time is split between these two subjects.

**Note:** Students can only study one course in either Health or Physical Education.

**Recommended Entry Criteria:** Consultation with Year 10 Health & Physical Education teacher.

**Course Cost:** \$25.00 for Local facilities.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90974 v4	Health 1.5 - Demonstrate understanding of strategies for promoting positive sexuality	I	4	Y		
A.S. 90971 v3	Health 1.1 - Take action to enhance an aspect of personal well-being	I	3	Y		
A.S. 90970 v3	Physical Education 1.9 - Demonstrate self management strategies and describe the effects on participation in physical activity	I	3	Y		
A.S. 90966 v3	Physical Education 1.5 - Demonstrate interpersonal skills in a group and explain how these skills impact on others	I	4	Y		
A.S. 90962 v3	Physical Education 1.1 - Participate actively in a variety of physical activities and explain factors that influence own participation	I	5			
		Total Credits	19	14	0	0

## 100PED - Level 1 Physical Education

This is a 100% internally assessed NCEA Physical Education course. The programme is based on theoretical knowledge and application through a range of practical activities. This course is recommended for students who will continue to Level 2 NCEA Physical Education.

**Note:** Students can only study one course in either Health or Physical Education.

**Recommended Entry Criteria:** By consultation with Year 10 Health and Physical Education Teacher.

**Course Cost:** \$25.00 Local facilities.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90967 v3	Physical Education 1.6 - Demonstrate strategies to improve the performance of a physical activity and describe the outcomes	I	3	Y		
A.S. 90966 v3	Physical Education 1.5 - Demonstrate interpersonal skills in a group and explain how these skills impact on others	I	4	Y		
A.S. 90964 v3	Physical Education 1.3 - Demonstrate quality movement in the performance of a physical activity	I	3			
A.S. 90963 v3	Physical Education 1.2 - Demonstrate understanding of the function of the body as it relates to the performance of physical activity	I	5	Y		
A.S. 90962 v3	Physical Education 1.1 - Participate actively in a variety of physical activities and explain factors that influence own participation	I	5			
		Total Credits	20	12	0	0

**100PEDP - Level 1 Physical Education - Practical**

This is a practical based Physical Education course. It is 100% internally assessed and the focus of this course is on being physically active.

**Note:** Students can only study one course in either Health or Physical Education.

**Recommended Entry Criteria:** By consultation with Year 10 Health & Physical Education teacher.

**Course Cost:** \$25.00 Local facilities.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 505 v6	Manage personal physical fitness with guidance	I	3			
A.S. 90970 v3	Physical Education 1.9 - Demonstrate self management strategies and describe the effects on participation in physical activity	I	3	Y		
A.S. 90964 v3	Physical Education 1.3 - Demonstrate quality movement in the performance of a physical activity	I	3			
A.S. 90966 v3	Physical Education 1.5 - Demonstrate interpersonal skills in a group and explain how these skills impact on others	I	4	Y		
A.S. 90962 v3	Physical Education 1.1 - Participate actively in a variety of physical activities and explain factors that influence own participation	I	5			
		Total Credits	18	7	0	0

**100OED - Level 1 Outdoor Education**

This course aims to develop an awareness of the opportunities the outdoors provides for recreation through participation. Students will be able to participate in a variety of outdoor pursuits. This NCEA course is both theoretical and practical. Practical sessions involve part-day, full-day or multi-day activities and provide considerable opportunities for personal growth and development.

**Recommended Entry Criteria:** Basic fitness and water confidence. Limited numbers, students will have to apply to participate in this course.

**Course Cost:** \$300.00 approx.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 426 v7	Participate in an overnight camp	I	2			
U.S. 448 v7	Participate in introductory caving	I	2			
U.S. 476 v7	Roll a decked paddle craft on flat water	I	2			
U.S. 489 v8	Demonstrate sea kayaking skills on sheltered or slow-moving water	I	3			
U.S. 20137 v2	Demonstrate mountain biking on grade 1 terrain	I	2			
U.S. 20210 v3	Demonstrate skills for introductory rock climbing	I	2			
U.S. 20818 v2	Demonstrate paddling a craft on flat water	I	2			
U.S. 32837 v1	Demonstrate knowledge of introductory preparation for an outdoor activity	I	2			
A.S. 90968 v3	Physical Education 1.7 - Demonstrate, and show understanding of, responsible behaviour for safety during outdoor education activities	I	3	Y		
		Total Credits	20	3	0	0



## 200HEA - Level 2 Health Education

The main focus of this course is to equip students with skills, knowledge and understanding to maintain and develop their personal well-being, now and in the future, as well as prepare them for future academic and vocational opportunities.

**Note:** Students can study Level 2 Health and Level 2 Physical Education or Level 2 Physical Education Practical.

**Recommended Entry Criteria:** 14 Credits at Level 1 Health Education or HOD approval.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91239 v2	Health 2.5 - Analyse issues related to sexuality and gender to develop strategies for addressing the issues	I	5	Y		
A.S. 91237 v2	Health 2.3 - Take action to enhance an aspect of people's well-being within the school or wider community	I	5	Y		
A.S. 91236 v2	Health 2.2 - Evaluate factors that influence people's ability to manage change	I	5	Y		
A.S. 91235 v2	Health 2.1 - Analyse an adolescent health issue	E	5	Y		
		Total Credits	20	20	0	0

## 200HPE - Level 2 Health & Physical Education

This is a 100% internally assessed NCEA course. The course is an extension to the Level 1 Health & Physical Education course and offers a blend of Health and Physical Education Achievement Standards. The goal of the course is to empower students to make informed decisions to promote lifelong health and well-being. It aims to promote physical activity and social responsibility through practical activities.

**Note:** Students cannot study any other Level 2 Health or Level 2 Physical Education course if studying Level 2 Health & Physical Education.

**Recommended Entry Criteria:** 8 Level 1 Health & Physical Education or 8 Level 1 Physical Education credits or HOD approval.

**Course Cost:** \$25.00 Local facilities.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91334 v2	Physical Education 2.8 - Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	I	3			
A.S. 91330 v3	Physical Education 2.4 - Perform a physical activity in an applied setting	I	4			
A.S. 91327 v2	Physical Education 2.1 - Examine the role and significance of physical activity in the lives of young people in New Zealand	I	3	Y		
A.S. 91239 v2	Health 2.5 - Analyse issues related to sexuality and gender to develop strategies for addressing the issues	I	5	Y		
A.S. 91237 v2	Health 2.3 - Take action to enhance an aspect of people's well-being within the school or wider community	I	5	Y		
		Total Credits	20	13	0	0

## 200PED - Level 2 Physical Education

This is a 100% internally assessed NCEA course. The programme is based on theoretical knowledge and application through a range of practical activities. This course is recommended for students who plan to continue to Level 3 NCEA Physical Education.

**Note:** Students can study Level 2 Health and Level 2 Physical Education.

**Recommended Entry Criteria:** 12 Level 1 credits from Level 1 Physical Education or Level 1 Health, or HOD approval.

**Course Cost:** \$45.00 Local facilities.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91332 v2	Physical Education 2.6 - Evaluate leadership strategies that contribute to the effective functioning of a group	I	4	Y		
A.S. 91331 v2	Physical Education 2.5 - Examine the significance for self, others and society of a sporting event, a physical activity, or a festival	I	4	Y		
A.S. 91330 v3	Physical Education 2.4 - Perform a physical activity in an applied setting	I	4			
A.S. 91329 v2	Physical Education 2.3 - Demonstrate understanding of the application of biophysical principles to training for physical activity	I	4	Y		
A.S. 91328 v2	Physical Education 2.2 - Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills	I	5	Y		
		Total Credits	21	17	0	0

## 200PEDP - Level 2 Physical Education - Practical

The course will endeavour to cater for the interests and needs of group members. Some activities will be off-site, utilising local sports and recreational activities. Students should be keen to learn about, and become involved, in both new and familiar sports.

**Note:** Students can study Level 2 Health and Level 2 Physical Education Practical.

**Recommended Entry Criteria:** Proven consistent approach to Physical Education classes or HOD approval.

**Course Cost:** \$25.00 Local facilities.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91336 v2	Physical Education 2.10 - Analyse group processes in physical activity	I	3	Y		
A.S. 91334 v2	Physical Education 2.8 - Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	I	3			
A.S. 91330 v3	Physical Education 2.4 - Perform a physical activity in an applied setting	I	4			
U.S. 22769 v2	Demonstrate knowledge of basic skills and rules at a beginner level for a sport	I	2			
U.S. 21794 v1	Demonstrate, instruct, and monitor static stretching	I	3			
		Total Credits	15	3	0	0

## 200OED - Level 2 Outdoor Education

This course aims to develop an awareness of the opportunities the outdoors provides for recreation and work. Students will be able to reach basic levels of proficiency as well as develop knowledge of the safety aspects in a variety of pursuits. This NCEA course is both theoretical and practical. Practical sessions involve part-day or multi-day activities and provide considerable opportunities for personal growth and development. All students accepted for this course must participate in all activities, including camps. Students will have some choice in the assessments they complete up to a maximum of 18 credits.

**Recommended Entry Criteria:** Basic fitness and water confidence. Limited numbers.

**Course Cost:** \$355.00 approx.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91335 v2	Physical Education 2.9 - Examine the implementation and outcome(s) of a physical activity event or opportunity	I	3	Y		
A.S. 91333 v2	Physical Education 2.7 - Analyse the application of risk management strategies to a challenging outdoor activity	I	3	Y		
U.S. 20157 v3	Demonstrate novice rock climbing and belaying skills on Ewbank Grade 12 and above	I	2			
U.S. 20121 v2	Demonstrate paddling skills on Class 2 water	I	2			
U.S. 20152 v3	Demonstrate basic knowledge of safe abseil techniques	I	1			
U.S. 32840 v1	Demonstrate knowledge of preparation for an outdoor activity	I	3			
U.S. 476 v7	Roll a decked paddle craft on flat water	I	2			
U.S. 457 v7	Demonstrate mountain biking skills on grade 2 terrain	I	2			
U.S. 444 v8	Demonstrate basic rock climbing movement	I	1			
		Total Credits	19	6	0	0

## 300HEA - Level 3 Health Education

The main focus of the course is to equip students with the necessary skills, knowledge and understanding to maintain and develop personal well-being, both now and in the future, as well as prepare students for future academic and vocational opportunities, such as Health Sciences, Nursing, Doctor, Social Work, Child-care, Teaching.

**Recommended Entry Criteria:** 14 credits in Level 2 Health Education or HOD approval.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91464 v2	Health 3.4 - Analyse a contemporary ethical issue in relation to well-being	I	4	Y	4r	
A.S. 91463 v2	Health 3.3 - Evaluate health practices currently used in New Zealand	I	5	Y	5r	
A.S. 91462 v2	Health 3.2 - Analyse an international health issue	E	5	Y	5r,5w	
A.S. 91461 v2	Health 3.1 - Analyse a New Zealand health issue	I	5	Y	5r	
		Total Credits	19	19	19	0

### 300HPE - Level 3 Health & Physical Education

This is a 100% internally assessed NCEA course. It is an extension of the 200Hpe course and offers standards related to those assessed at Level 2. It aims to promote health enhancing choices, examine different physical activity experiences, health promotion practices and have fun in practical settings.

**Note:** Students studying Level 3 Health & Physical Education cannot study Level 3 Physical Education or Level 3 Physical Education Practical.

**Recommended Entry Criteria:** 12 Level 2 Health & Physical Education or Level 1 Physical Education credits, or HOD approval.

**Course Cost:** \$25.00 Local facilities.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91503 v2	Physical Education 3.6 - Evaluate the use of health promotion to influence participation in physical activity	I	5	Y		Y
A.S. 91502 v2	Physical Education 3.5 - Examine a current physical activity event, trend, or issue and its impact on New Zealand society	I	4	Y	4r	
A.S. 91501 v2	Physical Education 3.4 - Demonstrate quality performance of a physical activity in an applied setting	I	4			Y
A.S. 91498 v2	Physical Education 3.1 - Evaluate physical activity experiences to devise strategies for lifelong well-being	I	4	Y		Y
		Total Credits	17	13	4	13

### 300PED - Level 3 Physical Education

This is a 100% internally assessed NCEA course. The programme is based on students applying theoretical knowledge to improve themselves in practical situations. This course includes an Aquatic camp at Kaiteriteri in Term 1.

**Note:** Students cannot study Level 3 Physical Education and Level 3 Physical Education Practical or Level 3 Health & Physical Education.

**Recommended Entry Criteria:** At least 14 Level 2 credits, or have HOD approval.

**Course Cost:** \$100.00 for local facilities (includes camp).

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91789 v2	Physical Education 3.9 - Devise strategies for a physical activity outcome	I	4			
A.S. 91502 v2	Physical Education 3.5 - Examine a current physical activity event, trend, or issue and its impact on New Zealand society	I	4	Y	4r	
A.S. 91501 v2	Physical Education 3.4 - Demonstrate quality performance of a physical activity in an applied setting	I	4			Y
A.S. 91500 v2	Physical Education 3.3 - Evaluate the effectiveness of a performance improvement programme	I	4	Y	4r	Y
A.S. 91498 v2	Physical Education 3.1 - Evaluate physical activity experiences to devise strategies for lifelong well-being	I	4	Y		Y
		Total Credits	20	12	8	12

### 300PEDP - Level 3 Physical Education - Practical

This is a practical based Physical Education course, although some of the assessment work will be done in the classroom. The aim of the course is to prepare students for an active lifestyle. The course includes an Aquatic camp in Kaiteriteri in Term 1.

**Recommended Entry Criteria:** Proven consistent approach to Physical Education classes or HOD approval.

**Course Cost:** \$100.00 for local facilities (includes camp).

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91501 v2	Physical Education 3.4 - Demonstrate quality performance of a physical activity in an applied setting	I	4			Y
U.S. 22768 v3	Conduct and review a beginner level coaching session. <i>*Level 2 Credits (Y12)</i>	I	4			
A.S. 91498 v2	Physical Education 3.1 - Evaluate physical activity experiences to devise strategies for lifelong well-being	I	4	Y		Y
		Total Credits	12	4	0	8

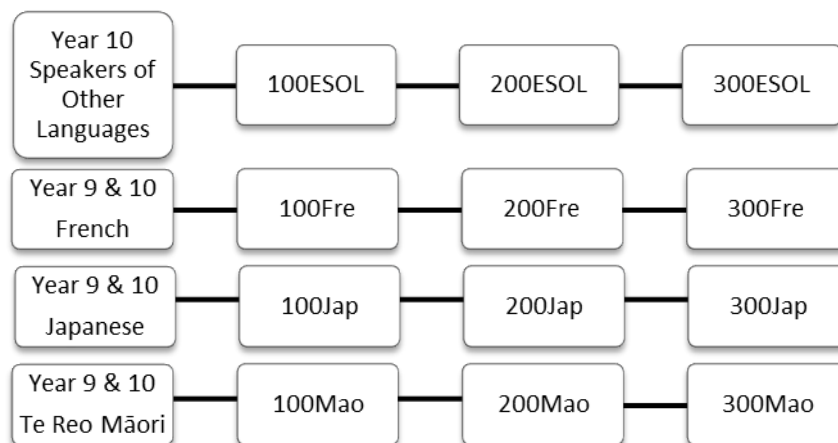
### 300OED - Level 3 Outdoor Education

This is an advanced course building on experiences gained in Level 2 Outdoor Education. There is a Unit Standard option and a University Entrance Achievement Standard option. Students must decide at the start of the year which option they will follow for the whole year. This course is assessed both practically and theoretically and is a course designed for students contemplating a career in the outdoors and also for students that want to continue to recreate in the outdoors in the future. The achievement standard, university entrance course, is essentially a Physical Education course using an outdoor context. Students doing 300PED or 300PEH can only gain these standards once and will take the unit standards course.

**Recommended Entry Criteria:** 15 credits in Level 2 Outdoor Education or HOD approval. Limited numbers.

**Course Cost:** \$395.00 approx.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 20149 v4	Lead climb on single-pitch rock routes with bolts and in-situ anchors	I	2			
U.S. 20150 v4	Demonstrate top rope rock climbing and belaying skills on Ewbank Grade 14 and above	I	2			
A.S. 91789 v2	Physical Education 3.9 - Devise strategies for a physical activity outcome	I	4			
A.S. 91505 v2	Physical Education 3.8 - Examine contemporary leadership principles applied in physical activity contexts	I	4	Y	4r	
A.S. 91504 v2	Physical Education 3.7 - Analyse issues in safety management for outdoor activity to devise safety management strategies	I	3	Y	3r	
A.S. 91501 v2	Physical Education 3.4 - Demonstrate quality performance of a physical activity in an applied setting	I	4			Y
U.S. 28516 v2	Prepare for, participate in, and evaluate an outdoor experience as a member of a group	I	15			
		Total Credits	34	7	7	5



### 100ESOL - Level 1 ESOL

This course is for students at Stages 1-2 of the English Language Learning Progressions with English language support across the curriculum. Students will focus on development of: spoken fluency and confidence; reading and listening comprehension; and accuracy of written English.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 31025 v1	Present simple information on an everyday familiar topic (EL)	I	5			
U.S. 30994 v1	Read and understand simple texts in everyday contexts (EL)	I	5			
U.S. 30979 v1	Demonstrate understanding of simple spoken texts in everyday situations (EL)	I	10			
U.S. 27996 v3	Write simple texts on everyday topics (EL)	I	5			
		Total Credits	25	0	0	0

### 100FRE - Level 1 French

Students at this level will express and respond to information, ideas and opinions and communicate more confidently about themselves, and past, present and future events. An emphasis is made on interacting and communicating for authentic purposes. Throughout the course students will record interactions and collect written work to be submitted in portfolio form towards the end of Term 3.

**Recommended Entry Criteria:** Year 10 French or equivalent.

**Course Cost:** \$30.00 Language Perfect Vocabulary online programme (recommended but not compulsory).

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90882 v2	French 1.5 - Write a variety of text types in French on areas of most immediate relevance	I	5			
A.S. 90881 v2	French 1.4 - Demonstrate understanding of a variety of French texts on areas of most immediate relevance	E	5			
A.S. 90880 v2	French 1.3 - Interact using spoken French to communicate personal information, ideas and opinions in different situations	I	5			
A.S. 90879 v2	French 1.2 - Give a spoken presentation in French that communicates a personal response	I	4			
		Total Credits	19	0	0	0

## 100JAP - Level 1 Japanese

Students at this level will express and respond to information, ideas and opinions and communicate more confidently about themselves, and past, present, and future events. An emphasis is made on interacting and communicating for authentic purposes. Throughout the course students will record interactions and collect written work to be submitted in portfolio form towards the end of the year. Students are expected to have mastered the 'hiragana' and 'katakana' scripts and will begin to study 'kanji' in more depth.

**Recommended Entry Criteria:** Year 10 Japanese or equivalent.

**Course Cost:** \$30.00 Language Perfect Vocabulary online programme (recommended but not compulsory).

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90897 v2	Japanese 1.5 - Write a variety of text types in Japanese on areas of most immediate relevance	I	5			
A.S. 90896 v2	Japanese 1.4 - Demonstrate understanding of a variety of Japanese texts on areas of most immediate relevance	E	5			
A.S. 90895 v2	Japanese 1.3 - Interact using spoken Japanese to communicate personal information, ideas and opinions in different situations	I	5			
A.S. 90894 v2	Japanese 1.2 - Give a spoken presentation in Japanese that communicates a personal response	I	4			
		Total Credits	19	0	0	0

## 100MAO - Level 1 Te Reo Maori

This course continues to develop the knowledge and understanding of the Māori language, culture and tikanga. Students will be able to understand short texts and use appropriate writing conventions. Students have the opportunity to represent Waimea College at Ngā Manu Kōrero (Regional Māori Speech Competitions).

**Recommended Entry Criteria:** Year 10 Te Reo Maori or see HOD.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91089 v3	Te Reo Māori 1.5 - Waihangā tuhinga i te reo o tona ao	I	6	Y		
A.S. 91087 v2	Te Reo Māori 1.3 - Panui kia mohio ki te reo o tona ao	E	6	Y		
A.S. 91086 v3	Te Reo Māori 1.2 - Korero kia whakamahi i te reo o tona ao	I	6	Y		
U.S. 17784 v8	Discuss, examine and recite appropriate karakia in tourism Maori	I	5			
		Total Credits	23	18	0	0



## 200ESOL - Level 2 ESOL

This course is for students at Stages 2-3 of the English Language Learning Progressions with English language support across the curriculum. Students will focus on further development of: spoken English fluency and confidence; reading and listening comprehension; and accuracy of written English.

**Recommended Entry Criteria:** Students will be advised if this course suits their needs.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 31026 v2	Present information on a familiar topic (EL)	I	5			
U.S. 30995 v1	Read and understand a straightforward text on a familiar topic (EL)	I	5			
U.S. 30980 v1	Demonstrate understanding of a straightforward spoken text on a familiar topic (EL)	I	5			
U.S. 27999 v3	Write a simple connected text (EL)	I	5			
		Total Credits	20	0	0	0

## 200FRE - Level 2 French

At Level 2, students explore the young people's world, expressing and justifying information, ideas and opinions. Students will begin to more effectively explain and justify their opinions.

**Recommended Entry Criteria:** 14 or more credits in Level 1 French or see HOD.

**Course Cost:** \$30.00 Language Perfect Vocabulary online programme (recommended but not compulsory).

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91122 v2	French 2.5 - Write a variety of text types in French to convey information, ideas, and opinions in genuine contexts	I	5			
A.S. 91121 v3	French 2.4 - Demonstrate understanding of a variety of written and/or visual French text(s) on familiar matters	E	5			
A.S. 91120 v2	French 2.2 - Give a spoken presentation in French that communicates information, ideas and opinions	I	4			
A.S. 91119 v2	French 2.3 - Interact using spoken French to share information and justify ideas and opinions in different situations	I	5			
		Total Credits	19	0	0	0

## 200JAP - Level 2 Japanese

At Level 2 students explore the young people's world, expressing and justifying information, ideas and opinions. Students will begin to support and challenge the views of others.

**Recommended Entry Criteria:** 14 or more credits in Level 1 Japanese, or see HOD.

**Course Cost:** \$30.00 Language Perfect Vocabulary online programme (recommended but not compulsory).

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91137 v2	Japanese 2.5 - Write a variety of text types in Japanese to convey information, ideas, and opinions in genuine contexts	I	5			
A.S. 91136 v3	Japanese 2.4 - Demonstrate understanding of a variety of written and/or visual Japanese text(s) on familiar matters	E	5			
A.S. 91135 v2	Japanese 2.2 - Give a spoken presentation in Japanese that communicates information, ideas and opinions	I	4			
A.S. 91134 v2	Japanese 2.3 - Interact using spoken Japanese to share information and justify ideas and opinions in different situations	I	5			
		Total Credits	19	0	0	0

## 200MAO - Level 2 Te Reo Maori

This course continues to develop the knowledge and understanding of the Māori language, culture and tikanga. Students will be able to comprehend instructional writing and extend their knowledge of writing conventions. Students have the opportunity to represent Waimea College at Ngā Manu Kōrero (Regional Māori Speech Competitions).

**\*\* Depending on class sizes, some senior Language classes maybe by correspondence or combined with another year level.**

**Recommended Entry Criteria:** Level 1 Te Reo Maori.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91288 v3	Te Reo Māori 2.5 - Waihangā tuhinga auaha, i te reo o te ao torotoro	I	6	Y	6w	
A.S. 91285 v3	Te Reo Māori 2.2 - Kōrero kia whakamahi i te reo o te ao torotoro	I	6	Y		
A.S. 91284 v3	Te Reo Māori 2.1 - Whakarongo kia mōhio ki te reo o te ao torotoro	I	4	Y		
A.S. 91286 v2	Te Reo Māori 2.3 - Pānui kia mōhio ki te reo o te ao torotoro	E	6	Y	6r	
A.S. 91287 v2	Te Reo Māori 2.4 - Tuhi i te reo o te ao torotoro	E	6	Y	6w	
		Total Credits	28	28	18	

Students may have the opportunity to gain credits using Te Reo Māori and Tikanga Unit Standards.

**300ESOL - Level 3 ESOL**

This course is for students at Stage 3 of the English Language Learning Progressions with English language support across the curriculum. Students will focus on refinement of: spoken English; reading and listening comprehension of increasingly complex texts; and grammatical accuracy in written English.

**Recommended Entry Criteria:** Students will be advised if this course suits their needs.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 31027 v2	Deliver a developed presentation on a familiar topic (EL)	I	5			
U.S. 31004 v1	Read and understand a text for a practical purpose (EL)	I	5			
U.S. 30990 v1	Demonstrate understanding of a spoken interaction in a familiar context (EL)	I	5			
U.S. 28069 v3	Write a text for a practical purpose (EL)	I	5			
		Total Credits	20	0	0	0

**300FRE - Level 3 French**

Level 3 French students consolidate and move to a level where they are able to communicate more confidently about topical issues both in and outside of the French speaking world. There are opportunities to apply for an exchange and lead activities during International Languages Week.

**Recommended Entry Criteria:** 14 or more credits in Level 2 French, or see HOD.

**Course Cost:** \$30.00 Language Perfect Vocabulary online programme (recommended but not compulsory).

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91547 v1	French 3.5 - Write a variety of text types in clear French to explore and justify varied ideas and perspectives	I	5			
A.S. 91546 v1	French 3.4 - Demonstrate understanding of a variety of extended written and/or visual French texts	E	5			
A.S. 91545 v1	French 3.3 - Interact clearly using spoken French to explore and justify varied ideas and perspectives in different situations	I	6			
A.S. 91544 v1	French 3.2 - Give a clear spoken presentation in French that communicates a critical response to stimulus material	I	3			
		Total Credits	19	0	0	0

**300JAP - Level 3 Japanese**

Students consolidate and build on their language skills through the study of Japan and its people in greater depth.

**Recommended Entry Criteria:** 14 or more credits in Level 2 Japanese or see HOD.

**Course Cost:** \$30.00 Language Perfect Vocabulary online programme (recommended but not compulsory).

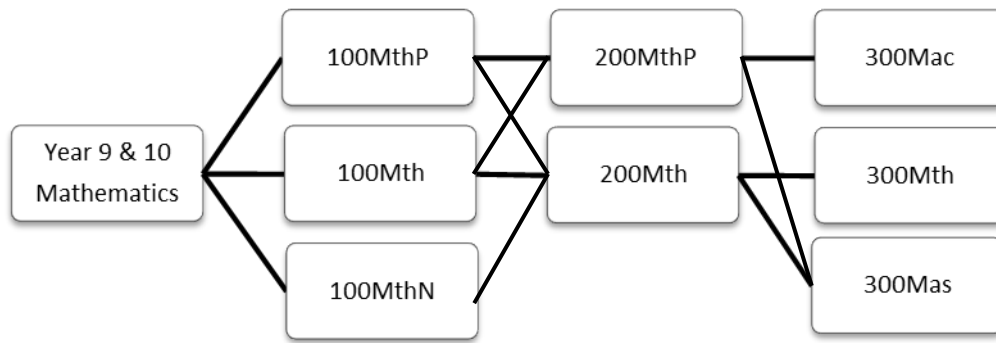
Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91557 v1	Japanese 3.5 - Write a variety of text types in clear Japanese to explore and justify varied ideas and perspectives	I	5			
A.S. 91556 v1	Japanese 3.4 - Demonstrate understanding of a variety of extended written and/or visual Japanese texts	E	5			
A.S. 91555 v1	Japanese 3.3 - Interact clearly using spoken Japanese to explore and justify varied ideas and perspectives in different situations	I	6			
A.S. 91554 v1	Japanese 3.2 - Give a clear spoken presentation in Japanese that communicates a critical response to stimulus material	I	3			
		Total Credits	19	0	0	0

**300MAO - Level 3 Te Reo Maori**

This course continues to develop the knowledge and understanding of the Māori language, culture and tikanga. Students will be able to comprehend instructional writing and extend their knowledge of writing conventions. Students have the opportunity to represent Waimea College at Ngā Manu Kōrero (Regional Māori Speech Competitions).

*\*\* Depending on class sizes, some senior Language classes maybe by correspondence or combined with another year level.*

**Recommended Entry Criteria:** Level 1 and 2 Te Reo Maori.



### 100MTH - Level 1 Mathematics

This general course is internally assessed (no end-of-year exams). It is suitable for students who wish to continue to study Mathematics at Level 2, leading to Level 3 Statistics or Level 3 Mathematics and related tertiary study. Mathematics is a compulsory subject in Year 11.

**Recommended Entry Criteria:** It is preferable for students to have already passed the Numeracy co-requisite to study Level 1 Mathematics.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91038 v3	Mathematics and Statistics 1.13 - Investigate a situation involving elements of chance	I	3	Y		Y
A.S. 91036 v3	Mathematics and Statistics 1.11 - Investigate bivariate numerical data using the statistical enquiry cycle	I	3	Y		Y
A.S. 91032 v3	Mathematics and Statistics 1.7 - Apply right-angled triangles in solving measurement problems	I	3			Y
A.S. 91030 v3	Mathematics and Statistics 1.5 - Apply measurement in solving problems	I	3			Y
A.S. 91029 v3	Mathematics and Statistics 1.4 - Apply linear algebra in solving problems	I	3			Y
A.S. 91026 v3	Mathematics and Statistics 1.1 - Apply numeric reasoning in solving problems	I	4			Y
		Total Credits	19	6	0	19

**100MTHN - Level 1 Mathematics Numeracy**

This course aims to prepare students to be numerate in the real world. Focus will be on preparing students for Numeracy Unit Standards.

**Recommended Entry Criteria:** In consultation with your teacher, this course is suitable for students who have not yet passed the Numeracy co-requisite for NCEA Level 1.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91038 v3	Mathematics and Statistics 1.13 - Investigate a situation involving elements of chance	I	3	Y		Y
A.S. 91036 v3	Mathematics and Statistics 1.11 - Investigate bivariate numerical data using the statistical enquiry cycle	I	3	Y		Y
A.S. 91032 v3	Mathematics and Statistics 1.7 - Apply right-angled triangles in solving measurement problems	I	3			Y
A.S. 91026 v3	Mathematics and Statistics 1.1 - Apply numeric reasoning in solving problems	I	4			Y
U.S. 32406 v1	Use mathematics and statistics to meet the numeracy demands of a range of situations	E	10			Y
		Total Credits	23	6	0	23

**100MTHP - Level 1 Pure Mathematics**

This specialist course is key preparation for the study of Pure Mathematics at Level 2 and is the main pathway into Level 3 Calculus and related tertiary study. Mathematics is a compulsory subject in Year 11.

**Recommended Entry Criteria:** It is preferable for students to have already passed the Numeracy co-requisite, and have an interest in Pure Mathematics.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91038 v3	Mathematics and Statistics 1.13 - Investigate a situation involving elements of chance	I	3			Y
A.S. 91031 v4	Mathematics and Statistics 1.6 - Apply geometric reasoning in solving problems	E	4			Y
A.S. 91028 v3	Mathematics and Statistics 1.3 - Investigate relationships between tables, equations and graphs	E	4			Y
A.S. 91027 v4	Mathematics and Statistics 1.2 - Apply algebraic procedures in solving problems	E	4			Y
A.S. 91026 v3	Mathematics and Statistics 1.1 - Apply numeric reasoning in solving problems	I	4			Y
		Total Credits	19	0	0	19

## 200MTH - Level 2 Mathematics

This general course is suitable for students wishing to continue their mathematical studies without an emphasis on Algebra. It is a pathway to Level 3 Statistics and Level 3 Mathematics.

**Recommended Entry Criteria:** At least 12 Achievement Standard credits.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91268 v3	Mathematics and Statistics 2.13 - Investigate a situation involving elements of chance using a simulation	I	2	Y		Y
A.S. 91267 v3	Mathematics and Statistics 2.12 - Apply probability methods in solving problems	E	4	Y		Y
A.S. 91266 v3	Mathematics and Statistics 2.11 - Evaluate a statistically based report	I	2	Y	2r	Y
A.S. 91260 v3	Mathematics and Statistics 2.5 - Apply network methods in solving problems	I	2			Y
A.S. 91259 v3	Mathematics and Statistics 2.4 - Apply trigonometric relationships in solving problems	I	3			Y
A.S. 91258 v3	Mathematics and Statistics 2.3 - Apply sequences and series in solving problems	I	2			Y
A.S. 91256 v3	Mathematics and Statistics 2.1 - Apply co-ordinate geometry methods in solving problems	I	2			Y
		Total Credits	17	8	2	17

## 200MTHP - Level 2 Pure Mathematics

This specialist course is key preparation for the study of Level 3 Calculus and related tertiary study. It is also useful for those wishing to study Level 3 Statistics and related tertiary study.

**Recommended Entry Criteria:** At least 14 credits, including 1.2 Algebra. A graphics calculator is recommended.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91267 v3	Mathematics and Statistics 2.12 - Apply probability methods in solving problems	E	4	Y		Y
A.S. 91262 v3	Mathematics and Statistics 2.7 - Apply calculus methods in solving problems	E	5			Y
A.S. 91261 v3	Mathematics and Statistics 2.6 - Apply algebraic methods in solving problems	E	4			Y
A.S. 91259 v3	Mathematics and Statistics 2.4 - Apply trigonometric relationships in solving problems	I	3			Y
A.S. 91257 v3	Mathematics and Statistics 2.2 - Apply graphical methods in solving problems	I	4			Y
		Total Credits	20	4	0	20



### 300MTH - Level 3 Mathematics

This course is a mixture of standards involving Mathematics and Statistics. It is suitable for students who want to continue Mathematics without specialising. Students can complete only one of Level 3 Mathematics and Level 3 Statistics.

**Recommended Entry Criteria:** At least 11 Level 2 Mathematics credits.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91587 v2	Mathematics and Statistics 3.15 - Apply systems of simultaneous equations in solving problems	I	3			Y
A.S. 91585 v2	Mathematics and Statistics 3.13 - Apply probability concepts in solving problems	E	4			Y
A.S. 91583 v2	Mathematics and Statistics 3.11 - Conduct an experiment to investigate a situation using experimental design principles	I	4	Y		Y
A.S. 91576 v2	Mathematics and Statistics 3.4 - Use critical path analysis in solving problems	I	2			Y
A.S. 91575 v2	Mathematics and Statistics 3.3 - Apply trigonometric methods in solving problems	I	4			Y
A.S. 91574 v2	Mathematics and Statistics 3.2 - Apply linear programming methods in solving problems	I	3			Y
		Total Credits	20	4	0	20

### 300MAC - Level 3 Calculus

This is a specialised course for students who are likely to study for a career in Mathematics, Engineering, Architecture, Economics, the Sciences and some Technologies. It is a highly academic subject that requires a good level of competence in Level 2 Algebra. The course builds on Level 2 Algebra and Calculus and is mainly externally assessed. Students can complete only one of Level 3 Calculus and Level 3 Mathematics.

**Recommended Entry Criteria:** 14 credits in Level 2 Achievement Standards, including Algebra and Calculus.

**Course Cost:** \$15.00 for write-on work book, and a graphics calculator is essential.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91579 v2	Mathematics and Statistics 3.7 - Apply integration methods in solving problems	E	6			Y
A.S. 91578 v2	Mathematics and Statistics 3.6 - Apply differentiation methods in solving problems	E	6			Y
A.S. 91577 v2	Mathematics and Statistics 3.5 - Apply the algebra of complex numbers in solving problems	E	5			Y
A.S. 91575 v2	Mathematics and Statistics 3.3 - Apply trigonometric methods in solving problems	I	4			Y
A.S. 91573 v2	Mathematics and Statistics 3.1 - Apply the geometry of conic sections in solving problems	I	3			Y
		Total Credits	24	0	0	24

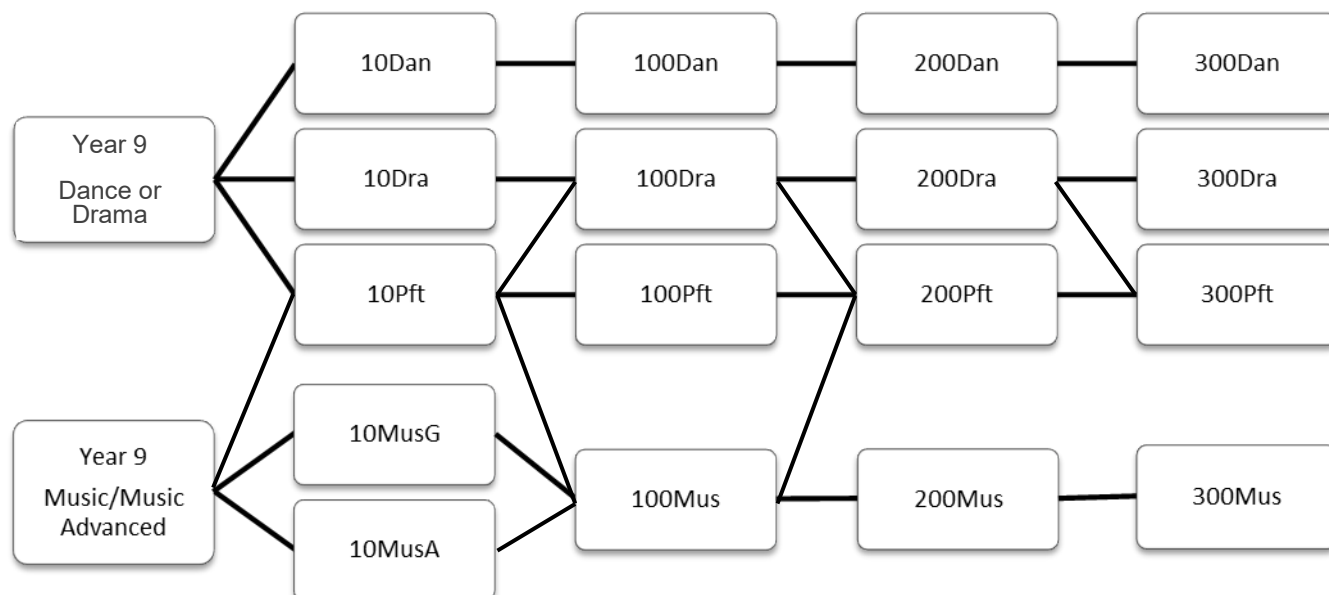
### 300MAS - Level 3 Statistics

This is a specialised course for those whose future study or work may involve research or analysis e.g. Health Science, Psychology, the Sciences, the Social Sciences, Economics and the various branches of Statistics and Probability. The internal components are completed using appropriate technology while the external standards look at Probability and Distributions. A graphics calculator is recommended for the external standards. A good level of literacy is required for this course as all internals require the writing of statistical reports. Students can complete only one of Level 3 Statistics and Level 3 Mathematics.

**Recommended Entry Criteria:** At least 14 credits in Mathematics and Statistics at Level 2. A graphics calculator is recommended.

**Course Cost:** \$12.00 Optional revision booklet.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91586 v2	Mathematics and Statistics 3.14 - Apply probability distributions in solving problems	E	4			Y
A.S. 91585 v2	Mathematics and Statistics 3.13 - Apply probability concepts in solving problems	E	4			Y
A.S. 91583 v2	Mathematics and Statistics 3.11 - Conduct an experiment to investigate a situation using experimental design principles	I	4	Y		Y
A.S. 91582 v2	Mathematics and Statistics 3.10 - Use statistical methods to make a formal inference	I	4	Y		Y
A.S. 91581 v2	Mathematics and Statistics 3.9 - Investigate bivariate measurement data	I	4	Y		Y
A.S. 91580 v2	Mathematics and Statistics 3.8 - Investigate time series data	I	4	Y		Y
		Total Credits	24	16	0	24



### 100DAN - Level 1 Dance

This course will include the opportunity for students to create and perform their own dances, the exploration and performance of different dance genres, including social and ethnic dance, and the opportunity to dance in both small and large groups. Students will also analyse dance and its technologies.

**Course Cost:** Attendance of external performance and/or workshop.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91936 v1	Dance 1.1 - Compose dance sequences through exploring whakawhanaungatanga	I	6			
A.S. 91937 v1	Dance 1.2 - Perform choreographed dance sequences	I	6			
A.S. 91938 v1	Dance 1.3 - Demonstrate understanding of key features of a dance genre or style	E	4			
A.S. 91939 v1	Dance 1.4 - Demonstrate understanding of and explore the elements of dance	E	4			
		Total Credits	20	0	0	0

**100DRA - Level 1 Drama**

In Year 11, students will develop drama skills including improvisation, devising, acting and technical skills. Aspects of theatre studies will be introduced. Students will be expected to attend out-of-school rehearsals and will also be expected to attend at least one public performance and/or workshop during the year.

**Note:** Not all of the listed Standards will be covered – choices will be made in negotiation with the class teacher.

**Course Cost:** Attend a public performance.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91000 v3	Drama 1.5 - Demonstrate understanding of a significant play	I	4	Y		
A.S. 90999 v4	Drama 1.4 - Use features of a drama/theatre form in a performance	I	4	Y		
A.S. 90998 v2	Drama 1.3 - Demonstrate understanding of features of a drama/theatre form	E	4	Y		
A.S. 90997 v2	Drama 1.2 - Devise and perform a drama	I	5	Y		
A.S. 90006 v6	Drama 1.1 - Apply drama techniques in a dramatic context	I	4	Y		
A.S. 90009 v6	Drama 1.6 - Perform an acting role in a scripted production	I	5	Y		
A.S. 90011 v7	Drama 1.7 - Demonstrate understanding of the use of drama aspects within live performance	E	4	Y		
		Total Credits	30	30	0	0

**100MUS - Level 1 Music**

This dynamic course challenges students to advance their creative, performance, academic and aural skills. Students perform to live audiences, compose their own musical works, and build an in-depth knowledge of music theory, score reading and analysis. Skills learnt through Music help students to prepare for the increasing expectation of creativity and versatility in their future careers.

**Recommended Entry Criteria:** Year 10 Music or have musical experience as approved by HOD.

**Course Cost:** \$30.00 NCEA Aural Theory and Performance Tools.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91094 v3	Music 1.5 - Demonstrate knowledge of conventions used in music scores	E	4	Y		
A.S. 91093 v3	Music 1.4 - Demonstrate aural and theoretical skills through transcription	E	4			
A.S. 91092 v3	Music 1.3 - Compose two original pieces of music	I	6			
A.S. 91091 v3	Music 1.2 - Demonstrate ensemble skills through performing a piece of music as a member of a group	I	4			
A.S. 91090 v3	Music 1.1 - Perform two pieces of music as a featured soloist	I	6			
		Total Credits	24	4	0	0

## 100PFT - Level 1 Performing Arts Technology & Production

This hands-on course is a way for students to learn about the magic of backstage and for musicians to gain foundational skills to set-up equipment, mix and record their music. The classes cover areas of the Performing Arts Technology from sound, lighting, design, stage-management, building sets, props and costumes. Students will choose up to 18 credits from the following Unit Standards.

**Recommended Entry Criteria:** An interest in backstage/production design.

**Course Cost:** Trip costs.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 26691 v5	Describe and apply knowledge of an entertainment and event production process by assisting in a production role	I	3			
U.S. 26690 v5	Demonstrate and apply knowledge of construction of props and scenic elements for an entertainment and event context	I	4			
U.S. 26689 v4	Demonstrate and apply knowledge of costuming for an entertainment and event context	I	4			
U.S. 26688 v5	Demonstrate and apply knowledge of make-up for an entertainment and event context	I	4			
U.S. 26687 v5	Demonstrate and apply knowledge of sound for an entertainment and event context	I	4			
U.S. 26686 v5	Demonstrate and apply knowledge of lighting for an entertainment and event context	I	4			
		Total Credits	23	0	0	0

**200DAN - Level 2 Dance**

This course will include the opportunity for students to create and perform their own dances, the exploration and performance of different dance genres including social and ethnic dance and the opportunity to dance in both small and large groups. Students will also analyse dance and its technologies.

**Note:** Not all of the listed Standards will be covered – choices will be made in negotiation with the class teacher.

**Recommended Entry Criteria:** Level 1 Dance or a strong performance background.

**Course Cost:** Attendance of external performance and/or workshop.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91211 v2	Dance 2.7 - Provide an interpretation of a dance performance with supporting evidence	E	4	Y		
A.S. 91210 v2	Dance 2.6 - Demonstrate understanding of a range of choreographic processes	I	4			
A.S. 91209 v3	Dance 2.5 - Perform a repertoire of dance	I	6			
A.S. 91208 v3	Dance 2.4 - Perform a theatre dance to communicate understanding of the dance	I	4			
A.S. 91207 v2	Dance 2.3 - Perform an ethnic or social dance to communicate understanding of the style	I	4			
A.S. 91206 v2	Dance 2.2 - Choreograph a solo dance to communicate an intention	I	4			
A.S. 91205 v2	Dance 2.1 - Choreograph a group dance to communicate an intention	I	4			
		Total Credits	30	4	0	0

**200DRA - Level 2 Drama**

Students will continue to develop drama skills including improvisation, devising, acting and technical skills. Aspects of theatre studies will be introduced. Students will be expected to attend out-of-school rehearsals and at least one public performance and/or workshop during the year.

**Note:** Not all of the listed Standards will be covered – choices will be made in negotiation with the class teacher.

**Recommended Entry Criteria:** 14 credits at Level 1 Drama or a sound performance history.

**Course Cost:** Attend a public performance.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91219 v2	Drama 2.7 - Discuss drama elements, techniques, conventions and technologies within live performance	E	4	Y		
A.S. 91218 v2	Drama 2.6 - Perform a substantial acting role in a scripted production	I	5	Y	5r	
A.S. 91217 v2	Drama 2.5 - Examine the work of a playwright	I	4	Y	4r	
A.S. 91216 v4	Drama 2.4 - Use complex performance skills associated with a drama or theatre form or period	I	4	Y	4r	
A.S. 91214 v2	Drama 2.2 - Devise and perform a drama to realise an intention	I	5	Y		
A.S. 91215 v3	Drama 2.3 - Discuss a drama or theatre form or period with reference to a text	E	4	Y	4r	
A.S. 91213 v2	Drama 2.1 - Apply drama techniques in a scripted context	I	4	Y	4r	
		Total Credits	30	30	21	0

## 200MUS - Level 2 Music

This course allows students to hone their musicianship skills through performance, musical knowledge, score analysis, and creative tasks. Students advance their understanding through exposure to a wider range of musical genres, and further refine and present their creative work. Students have the opportunity to work to their strengths and are expected to be taking music lessons.

**Note:** Not all of the listed Standards will be covered – choices will be made in negotiation with the class teacher.

**Recommended Entry Criteria:** Level 1 Music or see HOD.

**Course Cost:** \$30.00 NCEA Aural, Theory and Performance tools.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91278 v2	Music Studies 2.9 - Investigate an aspect of New Zealand music	I	4	Y		
A.S. 91276 v3	Music Studies 2.6 - Demonstrate knowledge of conventions in a range of music scores	E	4	Y		
A.S. 91275 v3	Making Music 2.5 - Demonstrate aural understanding through written representation	E	4			
A.S. 91274 v2	Making Music 2.2 - Perform a substantial piece of music as a featured soloist on a second instrument	I	3			
A.S. 91273 v2	Music Studies 2.8 - Devise an instrumentation for an ensemble	I	4			
A.S. 91272 v2	Making Music 2.3 - Demonstrate ensemble skills by performing a substantial piece of music as a member of a group	I	4			
A.S. 91271 v2	Making Music 2.4 - Compose two substantial pieces of music	I	6			
A.S. 91270 v2	Making Music 2.1 - Perform two substantial pieces of music as a featured soloist	I	6			
		Total Credits	35	8	0	0

## 200PFT - Level 2 Performing Arts Technology & Production

This hands-on course is a way for students to learn about the magic of backstage, and for musicians to gain the skills to set-up equipment, mix and record their music. The classes cover areas of the Performing Arts Technology from sound, lighting, design, stage management, building sets, props and costumes.

**Note:** Not all of the listed Standards will be covered – choices will be made in negotiation with the class teacher.

**Recommended Entry Criteria:** Students who are past or present members of the Performing Arts Department or have a strong interest in Performance Technology.

**Course Cost:** \$30.00 for off-site visits.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 27704 v5	Demonstrate and apply knowledge of the design and construction of entertainment and event props and scenic elements	I	4			
U.S. 27703 v5	Demonstrate and apply knowledge of sound design for an entertainment and event context	I	4			
U.S. 27702 v5	Describe and carry out tasks and responsibilities in a production role in an entertainment and event context	I	4			
U.S. 27701 v5	Demonstrate and apply knowledge of make-up design for an entertainment and event context	I	4			
U.S. 27700 v5	Demonstrate and apply knowledge of lighting design for an entertainment and event context	I	4			
U.S. 27699 v4	Demonstrate and apply knowledge of costume design for an entertainment and event context	I	4			
		Total Credits	24	0	0	0



### 300DAN - Level 3 Dance

This course will include the opportunity for students to create their own dances to be performed by others, create dance videos, the exploration and performance of group and solo dance. Students will also analyse and evaluate dance performance. Students will be expected to attend out-of-school rehearsals and performances.

**Note:** Not all of the listed Standards will be covered – choices will be made in negotiation with the class teacher.

**Recommended Entry Criteria:** Level 2 Dance or a strong performance background.

**Course Cost:** Attendance of external performance and/or workshop.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91594 v2	Dance 3.7 - Analyse a dance performance	E	4	Y	4w	
A.S. 91593 v2	Dance 3.6 - Demonstrate understanding of dance performance practices	I	4			
A.S. 91592 v2	Dance 3.5 - Perform a repertoire of contrasting dances	I	6			
A.S. 91591 v2	Dance 3.4 - Perform a group dance	I	4			
A.S. 91590 v2	Dance 3.3 - Perform a solo or duet dance	I	4			
A.S. 91589 v2	Dance 3.2 - Choreograph a dance to develop and resolve ideas	I	4			
A.S. 91588 v2	Dance 3.1 - Produce a dance to realise a concept	I	8			
		Total Credits	34	4	4	0

### 300DRA - Level 3 Drama

The course contains components of various aspects of drama including performance skills, devising, improvising and technical skills in sound and lighting. Students will also work toward creating and/or performing a major production and will be expected to attend at least two public performances/workshops.

**Note:** Not all of the listed Standards will be covered – choices will be made in negotiation with the class teacher.

**Recommended Entry Criteria:** 14 credits at Level 1 or 2 Drama or prior performance history.

**Course Cost:** Attend a public performance.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91520 v2	Drama 3.9 - Direct a drama performance	I	5	Y	5r	
A.S. 91519 v2	Drama 3.8 - Script a drama suitable for live performance	I	5	Y	5w	
A.S. 91518 v3	Drama 3.7 - Demonstrate understanding of live drama performance	E	4	Y	4w	
A.S. 91517 v2	Drama 3.6 - Perform a substantial acting role in a significant production	I	5	Y	5r	
A.S. 91516 v2	Drama 3.5 - Demonstrate understanding of the work of a drama or theatre theorist or practitioner	I	4	Y	4r	
A.S. 91515 v2	Drama 3.4 - Select and use complex performance skills associated with a drama form or period	I	4	Y	4r	
A.S. 91514 v4	Drama 3.3 - Interpret a text from a prescribed playwright to demonstrate knowledge of a theatre form or period	E	4	Y	4r, 4w	
A.S. 91513 v2	Drama 3.2 - Devise and perform a drama to realise a concept	I	5	Y		
A.S. 91512 v2	Drama 3.1 - Interpret scripted text to integrate drama techniques in performance	I	4	Y	4r	
		Total Credits	40	40	35	0

### 300MUS - Level 3 Music

This course requires the students to extend the skills acquired in previous Music courses, such as performance, composition, arranging, research, musical knowledge, aural skills and knowledge of specific musical styles and pieces. Students will follow a course that is individually tailored to their strengths and interests. Once the course of study is approved by the HOD, it is up to the students to work independently much of the time. Students are required to be taking music lessons.

**Note:** Not all of the listed Standards will be covered – choices will be made in negotiation with the class teacher.

**Recommended Entry Criteria:** Level 2 Music or see HOD.

**Course Cost:** \$30.00 NCEA Aural, Theory and Performance tools.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91849 v1	Making Music 3.11 - Compose three original songs that express imaginative thinking	I	8			
A.S. 91424 v2	Music Studies 3.9 - Create two arrangements for an ensemble	I	4			
A.S. 91421 v3	Music Studies 3.6 - Demonstrate understanding of harmonic and tonal conventions in a range of music scores	E	4			
A.S. 91420 v2	Making Music 3.5 - Integrate aural skills into written representation	E	4			
A.S. 91419 v2	Making Music 3.4 - Communicate musical intention by composing three original pieces of music	I	8			
A.S. 91418 v2	Making Music 3.3 - Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group	I	4			
A.S. 91417 v2	Making Music 3.2 - Perform a programme of music as a featured soloist on a second instrument	I	4			
A.S. 91416 v2	Making Music 3.1 - Perform two programmes of music as a featured soloist	I	8			
		Total Credits	44	0	0	0

### 300PRO - Level 3 Project Based Learning (Kowhiri)

This subject will take the shape of a self-driven project where students may gain credits from a cross curricular selection of standards. This course is by application and interview only. Potential students are those with a real passion for something, and/or students who have already completed some Level 3 credits and are looking for extension. Students can do either one full year project (16 – 18) credits or 2 half year projects (8 – 10 credits).

**For more information see Mr Sharpe.**

### 300PFT - Level 3 Performing Arts Technology and Production

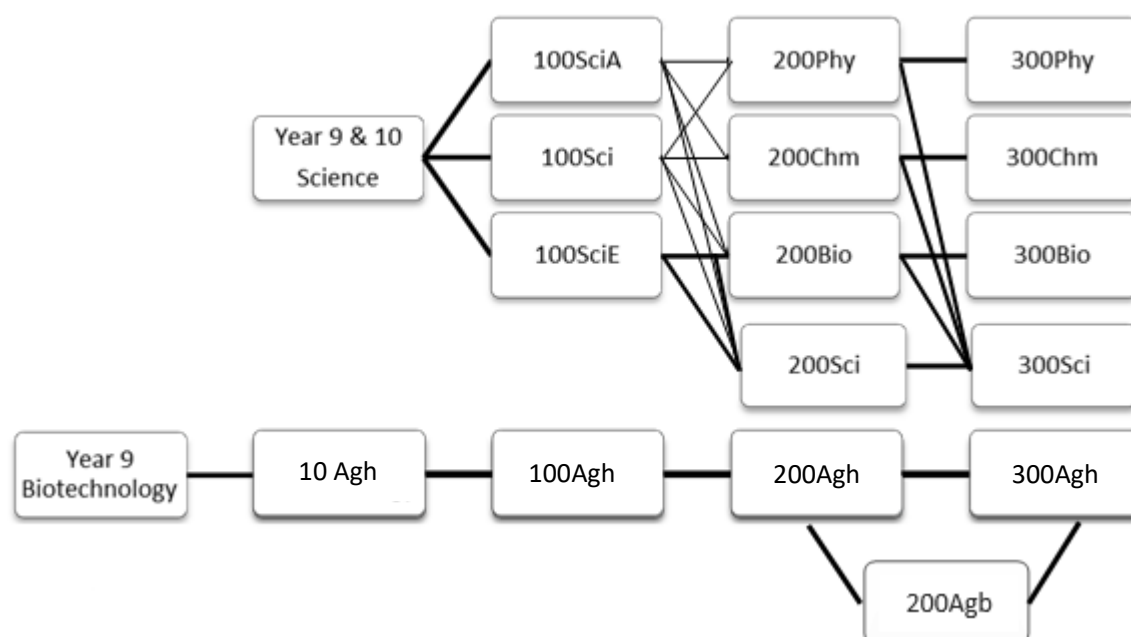
This hands-on course is a way for students to learn about the magic of backstage, and for musicians to gain the skills to set-up equipment, mix and record their music. The classes cover areas of the Performing Arts Technology from sound, lighting, design, stage management, building sets, props and costumes.

**Note:** Not all of the listed Standards will be covered – choices will be made in negotiation with the class teacher.

**Recommended Entry Criteria:** Students who are past or present members of the Performing Arts Department or have a strong interest in Performance Technology.

**Course Cost:** \$30.00 for off-site visits.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 28005 v4	Stage manage a production in an entertainment or event context	I	6			
U.S. 32366 v1	Develop a costume design for a given work in an entertainment and event context	I	5			
U.S. 32367 v1	Realise the costume design for a given work in an entertainment and event context	I	4			
U.S. 32368 v1	Develop a lighting design for a given work in an entertainment and event context	I	5			
U.S. 32369 v1	Realise the lighting design for a given work in an entertainment and event context	I	4			
U.S. 32370 v1	Develop a make-up design for a given work in an entertainment and event context	I	5			
U.S. 32371 v1	Realise the make-up design for a given work in an entertainment and event context	I	4			
U.S. 32372 v1	Develop a scenic design for a given work in an entertainment and event context	I	5			
U.S. 32373 v1	Construct props and scenic elements to realise the scenic design for a given work in an entertainment and event context	I	4			
U.S. 32374 v1	Develop a sound design for a given work in an entertainment and event context	I	5			
U.S. 32375 v1	Realise the sound design for a given work in an entertainment and event context	I	4			
U.S. 32380 v1	Lead an area of production in an entertainment and event technology context	I	4			
		Total Credits	55	0	0	0



### 100AGH - Level 1 Agriculture and Horticulture

Within this subject Agricultural and Horticultural topics are studied, both in the classroom and in the outdoor environment. This course is for students who are interested in finding out more about the primary industries which remains the main source of New Zealand's income. It is a science-based subject focusing on the practicalities of growing plants (horticulture) and feeding them to animals (agriculture). It also investigates the effects of these activities on the environment.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90921 v2	Agricultural and Horticultural Science 1.6 - Demonstrate knowledge of livestock management practices	E	5	Y		
A.S. 90920 v2	Agricultural and Horticultural Science 1.4 - Demonstrate knowledge of the geographic distribution of agricultural and horticultural primary production in New Zealand	I	3	Y		
A.S. 90918 v2	Agricultural and Horticultural Science 1.1 - Carry out a practical agricultural or horticultural investigation	I	4			Y
A.S. 90155 v4	Agricultural and Horticultural Science 1.7 - Demonstrate knowledge of pasture/crop management practices	I	4	Y		
A.S. 90160 v5	Agricultural and Horticultural Science 1.5 - Demonstrate knowledge of the impact on the environment of primary production management practices	I	3	Y		
		Total Credits	19	15	0	4

**100SCIA - Level 1 Advanced Science**

This course is recommended if you want to gain an in-depth understanding of Science, in preparation for studying specialist Sciences at Levels 2 and 3. Topics taught will explore scientific concepts at a deeper level, through both practical and theory-based activities. While studying genetics, forces & motion, selected elements and chemical reactions, you will develop high-level scientific skills while applying the scientific method.

**Recommended Entry Criteria:** A high level of achievement in Year 10 Science. Consultation with Year 10 Science teacher.

**Course Cost:** \$30.00 for workbook (approx).

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90948 v3	Science 1.9 - Demonstrate understanding of biological ideas relating to genetic variation	E	4	Y		
A.S. 90947 v4	Science 1.8 - Investigate selected chemical reactions	I	4			
A.S. 90940 v3	Science 1.1 - Demonstrate understanding of aspects of mechanics	E	4			Y
A.S. 90935 v3	Physics 1.1 - Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction	I	4			Y
A.S. 90933 v4	Chemistry 1.4 - Demonstrate understanding of aspects of selected elements	E	4			
		Total Credits	20	4	0	8

**100SCI - Level 1 Science**

This Science course provides a pathway to all Level 2 senior Science subjects. You will explore aspects of Biology, Chemistry and Physics through a combination of practical and theory activities including designing experiments through group work. This programme will include a field study of a local ecosystem, laboratory-based investigations and the opportunity to develop a strong foundation in critical thinking and Science theory. You will build on your knowledge from Year 10 Science, while being introduced to a range of new exciting topics.

**Recommended Entry Criteria:** A good level of achievement in Year 10 Science, consultation with Year 10 Science teacher.

**Course Cost:** \$20.00 for workbook (approx).

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90951 v3	Science 1.12 - Investigate the biological impact of an event on a New Zealand ecosystem	I	4			
A.S. 90948 v3	Science 1.9 - Demonstrate understanding of biological ideas relating to genetic variation	E	4	Y		
A.S. 90947 v4	Science 1.8 - Investigate selected chemical reactions	I	4			
A.S. 90940 v3	Science 1.1 - Demonstrate understanding of aspects of mechanics	E	4			Y
A.S. 90930 v3	Chemistry 1.1 - Carry out a practical chemistry investigation, with direction	I	4			Y
		Total Credits	20	4	0	8

**100SCIE - Level 1 Everyday Science**

This is a general interest course where you will study essential Everyday Science, with a focus on how it relates, and can be applied, to your everyday life. For example, this could include studying the science involved in fighting disease and infection, and the science behind how to keep warm when climbing Mt Everest. There will be both practical and research tasks within each topic. There may be an option to complete an external Genetics standard with this course.

**Recommended Entry Criteria:** Consultation with Year 10 Science teacher.

**Course Cost:** Possibly \$10.00 for optional Genetics workbook.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90950 v3	Science 1.11 - Investigate biological ideas relating to interactions between humans and micro-organisms	I	4			
A.S. 90948 v3	Science 1.9 - Demonstrate understanding of biological ideas relating to genetic variation	E	4	Y		
A.S. 90946 v3	Science 1.7 - Investigate the implications of the properties of metals for their use in society	I	4			
A.S. 90943 v3	Science 1.4 - Investigate implications of heat for everyday life	I	4			Y
A.S. 90930 v3	Chemistry 1.1 - Carry out a practical chemistry investigation, with direction	I	4			Y
		Total Credits	20	4	0	8

**200AGB - Level 2 Agribusiness**

Agribusiness integrates all the primary industries and their associated business. Through focused learning, students build knowledge of supply chains and engage in future and innovative thinking, developing problem-solving and lifelong skills. The influence of economic, environmental, political, technological, historical, social, ethical and cultural influences on agribusinesses are studied, as well as the interrelationships of science, business and technology.

**Recommended Entry Criteria:** Level 1 NCEA in English, Mathematics or Accounting, or see HOD.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91297 v2	Agricultural and Hort. Science 2.9 - Demonstrate understanding of land use for primary production in New Zealand	E	4	Y		
A.S. 91865 v1	Agribusiness 2.7 - Demonstrate understanding of future proofing influences that affect business viability	I	4	Y		
A.S. 91866 v1	Agribusiness 2.8 - Conduct an inquiry into the use of organisms to meet future needs	I	4	Y		
A.S. 91867 v1	Agribusiness 2.9 - Demonstrate understanding of a primary industry business structure that best meets the strategic needs of a business	I	3	Y		
A.S. 91295 v2	Agricultural and Horticultural Science 2.7 - Demonstrate understanding of interactions between livestock behaviour and NZ commercial management practices	I	4	Y		
		Total Credits	19	19	0	0

## 200AGH - Level 2 Agriculture and Horticulture

Within this subject Agricultural and Horticultural topics are studied, both in the classroom and in the outdoor environment. This course follows on from 100AGH and studies techniques involved in growing crops and raising farm animals in greater detail. It studies the effects of the environment on production and the effects of production on the environment.

**Recommended Entry Criteria:** Completed Year 11 Agriculture & Horticulture, or see HOD.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91293 v2	Agricultural and Hort. Science 2.5 - Demonstrate understanding of livestock reproductive techniques in commercial production in New Zealand	I	4	Y		
A.S. 91292 v2	Agricultural and Hort. Science 2.4 - Demonstrate understanding of how management practices influence plant growth and development in NZ commercial production	I	4	Y		
A.S. 91290 v2	Agricultural and Hort. Science 2.2 - Demonstrate understanding of techniques used to modify physical factors of the environment for NZ plant production	E	4	Y		
A.S. 91289 v2	Agricultural and Hort. Science 2.1 - Carry out an extended practical agricultural or horticultural investigation	I	4	Y		Y
A.S. 91298 v2	Agricultural and Horticultural Science 2.10 - Report on the environmental impact of the production of a locally produced primary product	I	4	Y		
		Total Credits	20	20	0	4

## 200BIO - Level 2 Biology

This course is for students who are interested in how living things function and how they interact with each other. Topics covered include Ecology, Animal Diversity, Genetics and Cell Processes.

**Recommended Entry Criteria:** 12 credits from Level 1 Science including 4 from external Science 1.9 Genetics exam or see HOD.

**Course Cost:** Workbook \$25.00.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91158 v2	Biology 2.6 - Investigate a pattern in an ecological community, with supervision	I	4	Y		
A.S. 91157 v2	Biology 2.5 - Demonstrate understanding of genetic variation and change	E	4	Y	4w	
A.S. 91156 v2	Biology 2.4 - Demonstrate understanding of life processes at the cellular level	E	4	Y	4w	
A.S. 91155 v2	Biology 2.3 - Demonstrate understanding of adaptation of plants or animals to their way of life	I	3	Y		
A.S. 91153 v2	Biology 2.1 - Carry out a practical investigation in a biology context, with supervision	I	4			Y
		Total Credits	19	15	8	4

## 200CHM - Level 2 Chemistry

This course builds on Level 1 Science and involves practical and theory work. This course suits those who have an interest in Chemistry or who are preparing for tertiary study requiring Chemistry.

**Recommended Entry Criteria:** Gained Merit in Science 1.8 or Chemistry 1.4, or see HOD.

**Course Cost:** \$35.00 Workbook, and must have NZQA approved Calculator.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91910 v1	Chemistry 2.1 - Carry out a practical investigation into a substance present in a consumer product using quantitative analysis	I	4			Y
A.S. 91390 v2	Chemistry 3.4 - Demonstrate understanding of thermochemical principles and the properties of particles and substances	E	5	Y		
A.S. 91167 v2	Chemistry 2.7 - Demonstrate understanding of oxidation-reduction	I	3			
A.S. 91166 v2	Chemistry 2.6 - Demonstrate understanding of chemical reactivity	E	4	Y		
A.S. 91164 v2	Chemistry 2.4 - Demonstrate understanding of bonding, structure, properties and energy changes	E	5	Y		
		Total Credits	21	14	0	4

## 200PHY – Level 2 Physics

Physics is the study of the world around us, we use it to explore the relationships between physical phenomena in our universe. We will look at mechanics, waves, graphical relationships, nuclear physics and physics in a real-world context.

**Note:** Not all of the listed standards will be covered. Choices will be made in consultation with the class teacher.

**Recommended Entry Criteria:** Merit in Physics external or see HOD.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91168 v2	Physics 2.1 - Carry out a practical physics investigation that leads to a non-linear mathematical relationship	I	4	Y		Y
A.S. 91169 v2	Physics 2.2 - Demonstrate understanding of physics relevant to a selected context	I	3	Y		
A.S. 91170 v2	Physics 2.3 - Demonstrate understanding of waves	E	4	Y		Y
A.S. 91171 v2	Physics 2.4 - Demonstrate understanding of mechanics	E	6	Y		Y
A.S. 91172 v2	Physics 2.5 - Demonstrate understanding of atomic and nuclear physics	I	3	Y		
A.S. 91173 v2	Physics 2.6 - Demonstrate understanding of electricity and electromagnetism	E	6	Y		Y
		Total Credits	26	26	0	20



## 200SCI - Level 2 Science

This course is recommended if you want to gain a broad understanding of Science, for general interest. Topics taught will explore a range of scientific concepts, through both practical and theory-based activities. Practical, real-life learning opportunities are a focus.

**Recommended Entry Criteria:** Some Level 1 Science is encouraged.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91296 v2	Agricultural and Horticultural Science 2.8 - Produce a landscape plan	I	4	Y		
A.S. 91190 v2	Earth and Space Science 2.4 - Investigate how organisms survive in an extreme environment	I	4	Y		
A.S. 91911 v1	Chemistry 2.2 - Carry out investigation into chemical species present in a sample using a qualitative analysis	I	3			
A.S. 91188 v2	Earth and Space Science 2.2 - Examine an Earth and Space Science issue and the validity of the information communicated to the public	I	4	Y		
A.S. 91187 v2	Earth and Space Science 2.1 - Carry out a practical Earth and Space Science investigation	I	4	Y		Y
U.S. 21027 v4	Plant and maintain displays of bedding plants or bulbs or herbaceous perennials under close supervision	I	10			
		Total Credits	29	16	0	4

## 300AGH - Level 3 Agriculture and Horticulture

The emphasis is on the identification of market requirements for Agricultural and Horticultural products and the consequent manipulation of Agricultural and Horticultural production processes to achieve optimum economic returns. A detailed examination of environmental issues created by Agriculture production is carried out. A large independent research project takes up a significant proportion of the course.

**Recommended Entry Criteria:** Level 2 Agriculture & Horticulture, or see HOD.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91532 v2	Agricultural and Hort. Science 3.5 - Analyse a New Zealand primary production environmental issue	E	5	Y	5r,5w	
A.S. 91531 v2	Agricultural and Hort. Science 3.4 - Demonstrate understanding of how the production process meets market requirements for a New Zealand primary product(s)	E	4	Y	4r,4w	
A.S. 91529 v2	Agricultural and Hort. Science 3.2 - Research and report on the impact of factors on the profitability of a New Zealand primary product	I	6	Y	6r,6w	Y
A.S. 91528 v2	Agricultural and Horticultural Science 3.1 - Carry out an investigation into an aspect of a New Zealand primary product or its production	I	4	Y		Y
		Total Credits	19	19	15	10

### 300BIO - Level 3 Biology

This course is for students who are interested in how living things function, how they interact with each other and how they respond to their changing environment. They will also carry out research on a contemporary biological issue that effects society. There is an optional two-day trip to Wellington Zoo that includes a sleepover at the zoo.

**Recommended Entry Criteria:** 10 Level 2 Biology credits with at least 4 from external Achievement Standard, or see HOD.

**Course Cost:** Workbook \$25.00.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91606 v2	Biology 3.6 - Demonstrate understanding of trends in human evolution	E	4	Y	4r,4w	
A.S. 91604 v2	Biology 3.4 - Demonstrate understanding of how an animal maintains a stable internal environment	I	3	Y	3r	
A.S. 91603 v3	Biology 3.3 - Demonstrate understanding of the responses of plants and animals to their external environment	E	5	Y	5r,5w	
A.S. 91602 v2	Biology 3.2 - Integrate biological knowledge to develop an informed response to a socio-scientific issue	I	3	Y	3r,3w	
A.S. 91601 v2	Biology 3.1 - Carry out a practical investigation in a biological context, with guidance	I	4	Y		Y
		Total Credits	19	19	15	4

### 300CHM - Level 3 Chemistry

This course builds on the Level 2 Chemistry course and involves practical and theory work. This course will be of much assistance to students intending to go on to study Chemistry at tertiary level.

**Recommended Entry Criteria:** Achieved in all Level 2 Chemistry external Achievement Standards or see HOD.

**Course Cost:** \$25.00 Workbook, and must have an NZQA approved Calculator.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91393 v2	Chemistry 3.7 - Demonstrate understanding of oxidation-reduction processes	I	3	Y		
A.S. 91392 v2	Chemistry 3.6 - Demonstrate understanding of equilibrium principles in aqueous systems	E	5	Y		Y
A.S. 91391 v2	Chemistry 3.5 - Demonstrate understanding of the properties of organic compounds	E	5	Y		
A.S. 91388 v2	Chemistry 3.2 - Demonstrate understanding of spectroscopic data in chemistry	I	3			
A.S. 91165 v2	Chemistry 2.5 - Demonstrate understanding of the properties of selected organic compounds	E	4	Y		
		Total Credits	20	17	0	5

**300PHY - Level 3 Physics**

Physics is the study of the world around us. We use it to explore the relationships between physical phenomena in our universe. This course will be of much assistance to students intending to go on to further study at tertiary level.

**Note:** Not all of the listed standards will be covered. Choices will be made in consultation with the class teacher.

**Recommended Entry Criteria:** Merit in a Physics external and have 12 Level 2 Mathematics credits (not Statistics) or see HOD.

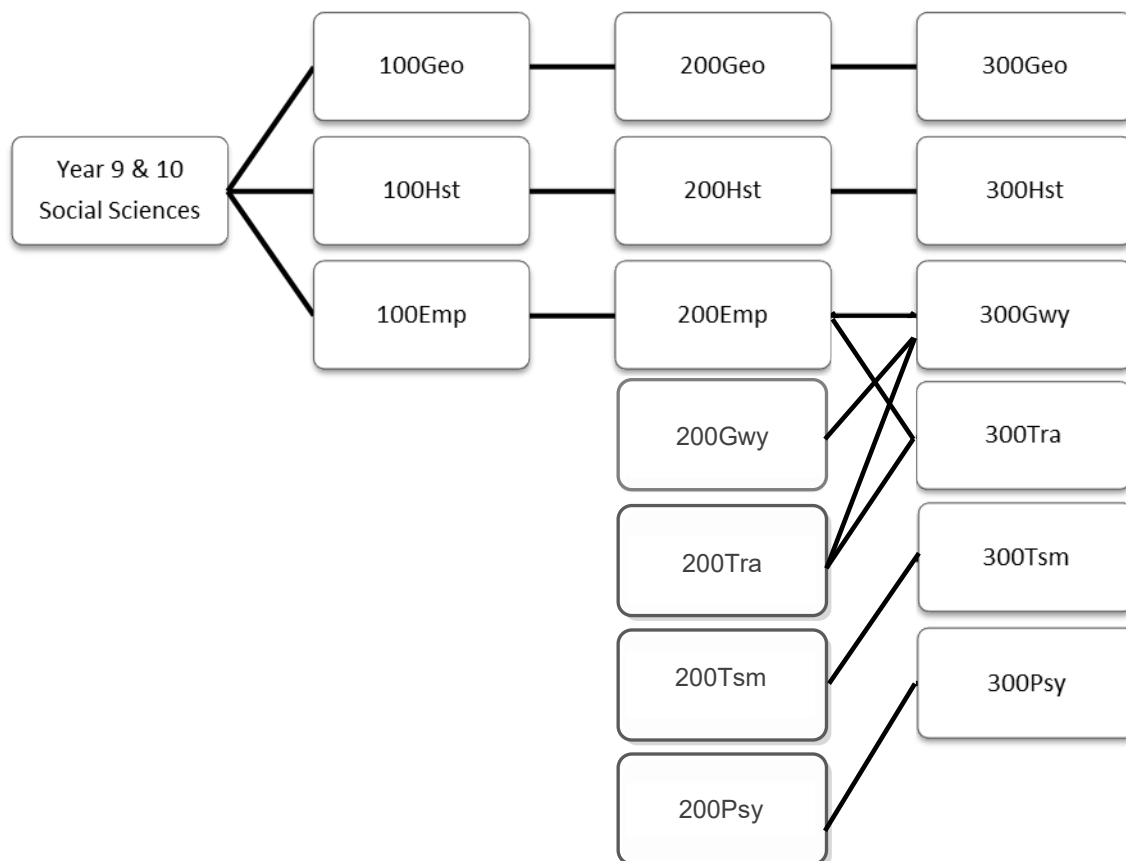
Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91526 v2	Physics 3.6 - Demonstrate understanding of electrical systems	E	6	Y		
A.S. 91525 v2	Physics 3.5 - Demonstrate understanding of Modern Physics	I	3	Y		
A.S. 91524 v2	Physics 3.4 - Demonstrate understanding of mechanical systems	E	6	Y		
A.S. 91523 v2	Physics 3.3 - Demonstrate understanding of wave systems	E	4	Y		
A.S. 91522 v2	Physics 3.2 - Demonstrate understanding of the application of physics to a selected context	I	3	Y		
A.S. 91521 v2	Physics 3.1 - Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship	I	4	Y		
		Total Credits	26	26	0	0

**300SCI - Level 3 Science**

This course is recommended if you want to gain a broad understanding of Science, for general interest. Topics taught will explore a range of scientific concepts, through both practical and theory-based activities. Practical, real-life learning opportunities are a focus.

**Recommended Entry Criteria:** Level 2 Science, Chemistry, Physics, Biology.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91415 v2	Earth and Space Science 3.6 - Investigate an aspect of astronomy	I	4	Y	4r	
A.S. 91411 v2	Earth and Space Science 3.2 - Investigate a socio-scientific issue in an Earth and Space Science context	I	4	Y	4r, 4w	
A.S. 91410 v2	Earth and Space Science 3.1 - Carry out an independent practical Earth and Space Science investigation	I	4	Y	4r,4w	Y
A.S. 90828 v3	Education for Sustainability 3.1 - Evaluate a personal action that contributes towards a sustainable future	I	6	Y	6r	
		Total Credits	18	18	18	4



### 100EMP - Level 1 Employment Skills

This subject focuses on the development of skills needed in the workplace through a teacher-guided programme. Students will complete one week of work experience in both Terms 2 and 3. A number of Unit Standards and activities will be offered.

**Recommended Entry Criteria:** Students will be advised if this course suits their needs.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 10790 v5	Converse with others	I	2			
U.S. 4249 v8	Describe obligations as an employee	I	3			
U.S. 4248 v6	Describe requirements and expectations faced by employees within the workplace	I	3			
U.S. 3503 v6	Communicate in a team or group to complete a routine task	I	2			
U.S. 3483 v7	Fill in a form	I	2			
U.S. 1293 v7	Be interviewed in an informal, one-to-one, face-to-face interview	I	2			
U.S. 543 v8	Work in a new workplace	I	3			
U.S. 504 v8	Produce a CV (curriculum vitae)	I	2			
U.S. 497 v10	Demonstrate knowledge of workplace health and safety requirements	I	3			
		Total Credits	22	0	0	0

**100GEO - Level 1 Geography**

Geography is the study of the earth as the home of people. It combines elements of the sciences with the humanities to help students to understand the world around them. Geographers do this by studying all the factors that make up the human and physical environment and how they affect each other. Geography enables students to develop the thinking, practical and social skills needed for making decisions. Sustainability is a key component and is interwoven throughout all the topics. This course includes a field trip to Kaikoura or Abel Tasman National Park.

**Course Cost:** \$60.00 Field trip.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91013 v2	Geography 1.7 - Describe aspects of a geographic topic at a global scale	I	3	Y		
A.S. 91011 v3	Geography 1.5 - Conduct geographic research, with direction	I	4	Y		Y
A.S. 91010 v2	Geography 1.4 - Apply concepts and basic geographic skills to demonstrate understanding of a given environment	E	4			Y
A.S. 91009 v3	Geography 1.3 - Demonstrate geographic understanding of the sustainable use of an environment	I	3	Y		
A.S. 91007 v3	Geography 1.1 - Demonstrate geographic understanding of environments that have been shaped by extreme natural event(s)	E	4	Y		
		Total Credits	18	14	0	8

**100HST - Level 1 History**

Students study a range of topics drawn from New Zealand and World history. These topics and studies aim to improve skills in gathering and classifying information, weighing evidence, recognising bias and propaganda, recognising differing points of view and different historical interpretations. Recognising cause and effect, forming judgements and making generalisations based on evidence and sound argument and presenting material, which is accurate, logical, concise and clear are also skills taught in History. There is a major research component, worth 8 credits, answering questions focusing about a student selected event. The theme for this year is 'What is a Historian?'

The theme for this year is 'What is a Historian?'

**Recommended Entry Criteria:** Consultation with Year 10 Social Studies Teacher.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91006 v4	History 1.6 - Describe how a significant historical event affected New Zealand society	E	4	Y		
A.S. 91005 v3	History 1.5 - Describe the causes and consequences of an historical event	E	4	Y		
A.S. 91004 v3	History 1.4 - Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders	I	4	Y		
A.S. 91002 v3	History 1.2 - Demonstrate understanding of an historical event, or place, of significance to New Zealanders	I	4	Y		
A.S. 91001 v3	History 1.1 - Carry out an investigation of an historical event, or place, of significance to New Zealanders	I	4	Y		
		Total Credits	20	20	0	0

## 200EMP - Level 2 Employment Skills

This is an alternative programme offering more direct pathways to further training and employment. Students take four subjects of their choice, plus Employment Skills. The course includes a combination of work placements and/or Trades Academy at NMIT one day per week, together with Level 2 Unit Standards. Some students may be selected to be part of a Year 12 Gateway programme completing industry-based Unit Standards, subject to confirmation.

*\* In consultation with Deans, Guidance and Careers Staff some Year 13s may be offered a place in 200Emp.*

**Recommended Entry Criteria:** Students will be advised if this course suits their needs.

**Course Cost:** \$25.00 Outdoor Education Day, \$20.00 per term approx. Some activities may have a part charge.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 24699 v3	Make an informed decision relating to personal income and explain its impacts	I	2			
U.S. 10781 v6	Produce a plan for own future directions	I	3			
U.S. 10780 v5	Complete a work experience placement	I	3			
U.S. 6402 v8	Provide basic life support	I	1			
U.S. 6401 v6	Provide first aid	I	1			
U.S. 6400 v6	Manage first aid in an emergency situation	I	2			
U.S. 4253 v7	Demonstrate knowledge of job search skills	I	3			
U.S. 4252 v8	Produce a personal targeted CV (curriculum vitae)	I	2			
U.S. 1299 v9	Be assertive in a range of specified situations	I	4			
U.S. 1294 v7	Be interviewed in a formal interview	I	2			
		Total Credits	23	0	0	0

## 200GWY – Level 2 Gateway

Gateway is a programme which offers senior students direct pathways to further training and employment, while achieving industry/work-related Unit Standards up to Level 3, through structured workplace learning, off-site courses and Core Skills Unit Standards.

**Recommended Entry Criteria:** After application students are interviewed by the Gateway Coordinators/Year Group Dean. A limit to numbers may apply.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 1299 v9	Be assertive in a range of specified situations	I	4			
U.S. 28094 v3	Produce a balanced household budget and adjust the budget to reflect changing financial circumstances	I	3			
U.S. 12349 v6	Demonstrate knowledge of time management	I	3			
U.S. 12354 v5	Describe legal implications of living in rented accommodation and means to prevent and resolve related problems	I	4			
U.S. 12355 v6	Describe strategies for managing stress	I	3			
U.S. 4252 v8	Produce a personal targeted CV (curriculum vitae)	I	2			
U.S. 10781 v6	Produce a plan for own future directions	I	3			
U.S. 3462 v6	Demonstrate knowledge of traffic law for the purpose of safe driving		3			
		Total Credits	25	0	0	0

## 200GEO - Level 2 Geography

Level 2 Geography combines elements of the sciences with the humanities to help students understand the world around them. Geographers do this by studying all the factors that make up the human and physical environment and how they affect each other. Geography enables students to develop the thinking, practical and social skills needed for making decisions. Sustainability is a key component and is interwoven throughout all the topics.

**Recommended Entry Criteria:** 12 credits in Level 1 Geography or Level 1 English or see HOD.

**Course Cost:** \$60.00 includes Field trip.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91246 v3	Geography 2.7 - Explain aspects of a geographic topic at a global scale	I	3	Y		
A.S. 91244 v3	Geography 2.5 - Conduct geographic research with guidance	I	5	Y		Y
A.S. 91243 v2	Geography 2.4 - Apply geography concepts and skills to demonstrate understanding of a given environment	E	4	Y		
A.S. 91241 v3	Geography 2.2 - Demonstrate geographic understanding of an urban pattern	I	3	Y		
A.S. 91240 v2	Geography 2.1 - Demonstrate geographic understanding of a large natural environment	E	4	Y	4r,4w	
		Total Credits	19	19	4	5

## 200HST - Level 2 History

Students study a range of topics drawn from New Zealand and World history. These topics and studies aim to improve skills in gathering and classifying information, weighing evidence, recognising bias and propaganda, recognising differing points of view and different historical interpretations. Recognising cause and effect, forming judgements and making generalisations based on evidence and sound argument and presenting material, which is accurate, logical, concise and clear are also skills taught in History. Following on from Level 1 History, the major research component at this level, worth 9 credits, involves students researching different historic movements or a significant event and writing up or displaying their findings. The theme for this year is 'Thinking like a Historian'.

**Recommended Entry Criteria:** 12 credits in Level 1 History or 14 Merit or Excellence credits in Level 1 English or see HOD.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91233 v2	History 2.5 - Examine causes and consequences of a significant historical event	E	5	Y	5r,5w	
A.S. 91232 v2	History 2.4 - Interpret different perspectives of people in an historical event that is of significance to New Zealanders	I	5	Y	5r	
A.S. 91230 v2	History 2.2 - Examine an historical event or place that is of significance to New Zealanders	I	5	Y	5r	
A.S. 91229 v2	History 2.1 - Carry out an inquiry of an historical event or place that is of significance to New Zealanders	I	4	Y	4r	
		Total Credits	19	19	19	0

## 200PSY - Level 2 Psychology

Students should take this course if they are interested in understanding what influences people's behaviour both as individuals and in groups. The course content is targeted towards students wanting to take this subject at university or for students thinking of careers in nursing, teaching, police work and therapy work.

**Recommended Entry Criteria:** Level 1 Literacy or see HOD.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91848 v1	Psychology 2.5 - Examine ethical issues in psychological practice	I	3	Y	3r	
A.S. 91847 v1	Psychology 2.4 - Examine how theory is used in fields of psychological practice	I	5	Y	5r	
A.S. 91846 v1	Psychology 2.3 - Conduct psychological research with guidance	I	4	Y	4r	
A.S. 91844 v1	Psychology 2.1 - Examine different psychological approaches used to explain a behaviour	I	6	Y	6r	
		Total Credits	18	18	18	0

## 200TSM - Level 2 Tourism

In Level Two Tourism the students will cover a range of standards that cover a wide range of topics from the general work roles in Tourism to NZ and world tourist destinations. Some local fieldtrips may occur that will visit local attractions and businesses. Students may study additional standards if time allows. These cost \$25 per standard.

**Course Cost:** Field trip costs.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 24732 v2	Demonstrate knowledge of tourist characteristics and needs	I	3			
U.S. 24731 v4	Demonstrate knowledge of destination New Zealand	I	4			
U.S. 24730 v2	Demonstrate knowledge of the business of tourism	I	4			
U.S. 24729 v3	Demonstrate knowledge of world tourist destinations	I	4			
U.S. 24728 v2	Demonstrate knowledge of work roles in tourism	I	3			
		Total Credits	18	0	0	0



## 200TRA - Level 2 Trades Academy

The Top of the South Trades Academy has been established in conjunction with other local schools, NMIT and Whenua Iti. The Academy is structured around the school year and students attend NMIT for one day a week or block courses at Whenua Iti. Places in the Academy are limited, and students need to demonstrate a commitment to on-going learning.

**In most instances students in Trades Academy will also need to study English and four other subjects.**

**Current Trades Academies (2021) are:**

- Building and Construction Year 1 (Level 2) and Year 2 (Level 3)
- Hairdressing Level 2
- Civil Infrastructure (Level 2)
- Mechanical Engineering Year 1 (level 2) and Year 2 (Level 3)
- Health and Support Services Level 2
- Sport and Exercise Science Level 2
- Beauty (Level 2)
- Adventure Tourism Leadership (Level 2 and Level 3)
- Art, Design and Digital Media, a mix of Level 2/3 credits
- Creative Design for Hair and Make Up Level 3
- Automotive Engineering Year 1 (Level 2) and Year 2 (Level 3)
- Environmental Science Level 3
- Uniformed Services, mix of Level 2/3 credits
- Hospitality, Year 1 (Level 2) and Year 2 (Level 3)
- Manaaki Tāpoi Cultural Tourism (Level 2 and Level 3)
- Predator Control and Conservation (Level 3)

**Recommended Entry Criteria:** NCEA Level 1 Literacy and Numeracy are required. After application, students are interviewed by the College Coordinator(s), who then recommend students to the Trades Academy.

## 300GWY - Level 3 Gateway

Gateway is a programme which offers senior students direct pathways to further training and employment, while achieving industry/work-related Unit Standards up to Level 3, through structured workplace learning, off-site courses and Core Skills Unit Standards.

**Recommended Entry Criteria:** After application students are interviewed by the Gateway Coordinators/Year Group Dean. A limit to numbers may apply.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 28100 v3	Develop a plan to achieve a long-term personal financial goal(s)	I	4			
U.S. 28103 v2	Analyse and select personal financing options for purchasing a property	I	4			
U.S. 9681 v7	Contribute within a team or group which has an objective	I	3			
U.S. 4252 v8	Produce a personal targeted CV (curriculum vitae)	I	2			
U.S. 4251 v8	Plan a career pathway	I	3			
U.S. .9694 v8	Demonstrate and apply knowledge of communication process theory	I	4			
U.S. 9695 v7	Examine problem-solving models and explain associated techniques	I	3			
U.S. 30265 v2	Apply health and safety risk assessment to a job role	I	8			
U.S. 1296 v7	Interview in informal situation	I	3			
		Total Credits	34	0	0	0

### 300GEO - Level 3 Geography

Geography is the study of the earth as the home of people. It combines elements of the sciences with the humanities to help students to understand the world around them. Geographers do this by explaining all the factors that make up the human and physical environment and how they affect each other. Geography enables students to develop the thinking, practical and social skills needed for making decisions. Sustainability is a key component and is interwoven throughout all the topics.

**Recommended Entry Criteria:** 12 credits in Level 2 Geography or Level 2 English or see HOD.

**Course Cost:** \$25.00 includes Field trips.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91432 v2	Geography 3.7 - Analyse aspects of a geographic topic at a global scale	I	3	Y		
A.S. 91431 v2	Geography 3.6 - Analyse aspects of a contemporary geographic issue	I	3	Y	3r	
A.S. 91430 v2	Geography 3.5 - Conduct geographic research with consultation	I	5	Y		Y
A.S. 91429 v2	Geography 3.4 - Demonstrate understanding of a given environment(s) through selection and application of geographic concepts and skills	E	4	Y	4r,4w	
A.S. 91427 v2	Geography 3.2 - Demonstrate understanding of how a cultural process shapes geographic environment(s)	E	4	Y	4r,4w	
A.S. 91426 v2	Geography 3.1 - Demonstrate understanding of how interacting natural processes shape a New Zealand geographic environment	E	4	Y	4r,4w	
		Total Credits	23	23	15	5

### 300HST - Level 3 History

Following on from Level 2 History students will complete a topic on the Cuban Missile Crisis. During this they will be taught the skills that they need to complete their 10 credit research project. Students have freedom of choice in this project, giving them the opportunity to pursue their passions and to complement other subjects. The perspectives topic is built around contested views of the Norman Invasion of Britain 1066. The theme for this year is 'Being a Historian'.

**Recommended Entry Criteria:** 14 credits in Level 2 History or 14 Merit or Excellence credits in Level 2 English or see HOD.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91438 v2	History 3.5 - Analyse the causes and consequences of a significant historical event	E	6	Y	6r,6w	
A.S. 91437 v2	History 3.4 - Analyse different perspectives of a contested event of significance to New Zealanders	I	5	Y	5r	
A.S. 91435 v2	History 3.2 - Analyse an historical event, or place, of significance to New Zealanders	I	5	Y	5r	
A.S. 91434 v2	History 3.1 - Research an historical event or place of significance to New Zealanders, using primary and secondary sources	I	5	Y	5r	
		Total Credits	21	21	21	0

**300PSY - Level 3 Psychology**

Students should take this course if they are interested in understanding what influences people's behaviour, both as individuals and in groups. The course content is targeted towards students wanting to take this subject at university or for students thinking of careers in nursing, teaching, police work and therapy work. Level 3 course work involves self-directed learning, independent research and assignment tasks.

**Recommended Entry Criteria:** Level 1 Literacy.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91876 v1	Psychology 3.5 - Analyse a significant issue in psychological practice	E	3	Y	3r,3w	
A.S. 91874 v1	Psychology 3.3 - Conduct independent psychological research with consultation	I	6	Y	6r	
A.S. 91873 v1	Psychology 3.2 - Analyse the significance of a key piece of research and its impact on society	I	3	Y	3r	
A.S. 91872 v1	Psychology 3.1 - Analyse the interaction between psychological approaches	I	6	Y	6r	
		Total Credits	18	18	18	0

**300TSM - Level 3 Tourism**

In Level Three Tourism the students will cover a wide range of topics including specific work roles in the industry, destination Australia and the significance of Maori Tourism. They will also study the importance of Maori place names and greetings and farewells in tourism. Some local fieldtrips may occur that will visit local attractions and businesses. Students may study additional standards if time allows. These cost \$35 per standard.

**Course Cost:** Field trip costs.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 18211 v6	Demonstrate knowledge of Australia as a visitor destination	I	5			
U.S. 23755 v2	Identify and self-evaluate the demands of a specific role in a tourism workplace	I	3			
U.S. 31070 v3	Explain the importance of Maori place names, and use reo Maori greetings and farewells in tourism	I	4			
U.S. 31071 v3	Identify and explain the cultural significance of natural and man-made attractions in tourism Maori	I	6			
		Total Credits	18	0	0	0

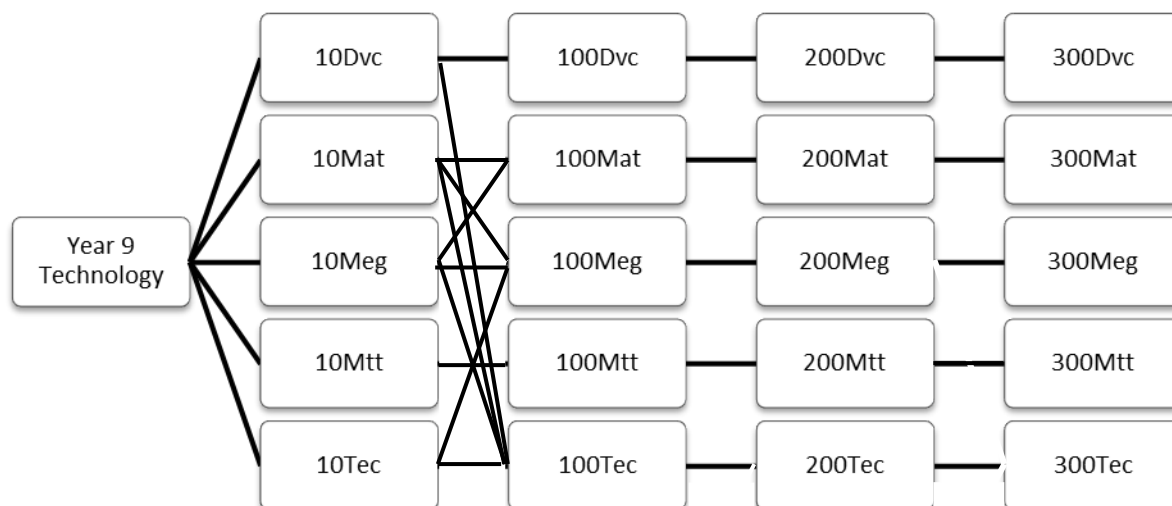
### 300TRA - Level 3 Trades Academy

The Top of the South Trades Academy is structured around the school year and students attend NMIT or Whenua Iti for one day a week along with students from other Colleges. Places in the Academy are limited, and students need to demonstrate a commitment to on-going learning and have the support of their families, caregivers and whanau to undertake the programme. Students will study Trades and five other options.

#### Current Trades Academies (2021) are:

- Building and Construction Year 1 (Level 2) and Year 2 (Level 3)
- Hairdressing Level 2
- Civil Infrastructure (Level 2)
- Mechanical Engineering Year 1 (level 2) and Year 2 (Level 3)
- Health and Support Services Level 2
- Sport and Exercise Science Level 2
- Beauty (Level 2)
- Adventure Tourism Leadership (Level 2 and Level 3)
- Art, Design and Digital Media, a mix of Level 2/3 credits
- Creative Design for Hair and Make Up Level 3
- Automotive Engineering Year 1 (Level 2) and Year 2 (Level 3)
- Environmental Science Level 3
- Uniformed Services, mix of Level 2/3 credits
- Hospitality, Year 1 (Level 2) and Year 2 (Level 3)
- Predator Control and Conservation (Level 3)
- Manaaki Tāpoi Cultural Tourism (Level 2 and Level 3)

**Recommended Entry Criteria:** NCEA Level 1 literacy and numeracy are required. After application, students are interviewed by the College Coordinator(s), who then recommend students to the Top of the South Trades Academy.



### 100DVC - Level 1 Design & Visual Communication

This course has been designed to prepare students with the skills they need to pursue careers in Interior Design, Architecture, Product Design and Professional Engineering. The design process is used to create unique solutions to shared problems.

**Recommended Entry Criteria:** Year 10 Visual Arts, Year 10 Design & Visual Communication, or see HOD.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91068 v5	Design and Visual Communication 1.35 - Undertake development of design ideas through graphics practice	I	6			
A.S. 91067 v5	Design and Visual Communication 1.34 - Use the work of an influential designer to inform design ideas	I	3			
A.S. 91066 v4	Design and Visual Communication 1.33 - Use rendering techniques to communicate the form of design ideas	I	3			
A.S. 91065 v5	Design and Visual Communication 1.32 - Produce instrumental paraline drawings to communicate design ideas	E	3			Y
A.S. 91064 v5	Design and Visual Communication 1.31 - Produce instrumental, multi-view orthographic drawings that communicate technical features of design ideas	E	3			Y
A.S. 91063 v5	Design and Visual Communication 1.30 - Produce freehand sketches that communicate design ideas	E	3			
		Total Credits	21	0	0	6

### 100MAT - Level 1 Materials Technology Furniture

This course will suit students who wish to develop a range of practical workshop skills using wood as a construction material. Students will complete two major projects which will also enable them to develop their design skills. Knowledge will also be assessed through a range of written tasks throughout the year.

**Recommended Entry Criteria:** Year 10 Mechanical Engineering, Year 10 Materials Technology Furniture, or see HOD.

**Course Cost:** Some material costs for final project.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 25920 v3	Use joints for a BCATS project	I	3			
U.S. 25919 v3	Use hardware and fastenings for a BCATS project	I	2			
U.S. 24356 v3	Apply elementary procedures and processes for a BCATS project	I	8			
U.S. 24355 v3	Demonstrate knowledge of construction and manufacturing materials used in BCATS projects	I	4			
U.S. 24352 v3	Demonstrate and apply knowledge of safe working practices and use PPE during the construction of a BCATS project	I	2			
		Total Credits	19	0	0	0

### 100MTT - Level 1 Materials Technology Textiles

This course is made up of three units of work. The first unit familiarises students with basic textile construction techniques and processes using commercial patterns, building on the learning in Year 10. They will need to demonstrate an ability to implement simple adaptations to a pattern. The other units require students to write a brief and design and make a costume for the Performing Arts department.

**Recommended Entry Criteria:** Year 10 Materials Technology Textiles, or see HOD, background or interest in Materials Textiles, Design & Visual Communication or Art.

**Course Cost:** Buy own patterns, fabrics, notions and drawing paper.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91096 v4	Construction and Mechanical Technologies 1.26 - Make basic adaptations to a pattern to enable a design to fit a person or item	I	4			
A.S. 91058 v4	Construction and Mechanical Technologies 1.21 - Implement basic procedures using textile materials to make a specified product	I	6			
A.S. 91047 v4	Generic Technology 1.4 - Undertake development to make a prototype to address a brief	I	6			
A.S. 91044 v3	Generic Technology 1.1 - Undertake brief development to address a need or opportunity	I	4	Y		
		Total Credits	20	4	0	0

## 100MEG - Level 1 Mechanical Engineering

Mechanical Engineering Technology is an introductory qualification developed for schools by Competenz, the engineering industry ITO, ([www.tools4works.co.nz](http://www.tools4works.co.nz)). This course is designed for students interested in mechanical engineering as a career option and wanting to use tools and machines to make projects from commonly used metal alloys and plastics.

**Recommended Entry Criteria:** Year 10 Materials Technology Furniture or Year 10 Mechanical Engineering or see HOD.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 22926 v3	Demonstrate knowledge of safety procedures in a specific engineering workshop	I	2			
U.S. 22923 v3	Demonstrate basic engineering workshop skills under close supervision	I	12			
U.S. 4433 v7	Select, use and care for simple measuring devices used in engineering	I	2			
U.S. 2395 v9	Demonstrate and apply knowledge of the selection, use and care of engineering hand tools	I	4			
		Total Credits	20	0	0	0

## 100TEC - Level 1 Technology

This course will suit students who like computers and building machines and who want to understand how to make them stronger, faster and more efficient. They will also be interested in using professional engineering software to test their concepts. Computer generated models will be brought to life with advanced prototyping techniques such as laser cutting, 3D printing and electrical actuators.

**Recommended Entry Criteria:** Year 10 Technology, Year 10 Materials Technology Furniture or Year 10 Mechanical Engineering, Year 10 Design & Visual Communication, or see HOD.

**Course Cost:** Additional materials.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91057 v4	Construction and Mechanical Technologies 1.20 - Implement basic procedures using resistant materials to make a specified product	I	6			
A.S. 91047 v4	Generic Technology 1.4 - Undertake development to make a prototype to address a brief	I	6			
A.S. 91046 v3	Generic Technology 1.3 - Use design ideas to produce a conceptual design for an outcome to address a brief	I	6			
		Total Credits	18	0	0	0

## 200DVC - Level 2 Design & Visual Communication

This course develops the skills needed to excel in the student's choice of either Architectural or Product Design. The project allows students to develop future-proof problem-solving skills. Designs are based on research to create ideas that respond to the latest technological advances.

**Recommended Entry Criteria:** Level 1 Design & Visual Communication, Level 1 Visual Arts, or see HOD.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91343 v4	Design and Visual Communication 2.36 - Use visual communication techniques to compose a presentation of a design	I	4			
A.S. 91341 v4	Design and Visual Communication 2.34 - Develop a spatial design through graphics practice	I	6	Y		
A.S. 91340 v4	Design and Visual Communication 2.33 - Use the characteristics of a design movement or era to inform own design ideas	I	3	Y		
A.S. 91338 v3	Design and Visual Communication 2.31 - Produce working drawings to communicate technical details of a design	E	4			
A.S. 91337 v3	Design and Visual Communication 2.30 - Use visual communication techniques to generate design ideas	E	3			
		Total Credits	20	9	0	0

## 200MAT - Level 2 Materials Technology Furniture

This course will suit students who wish to continue to develop a range of workshop skills using wood as a construction material. The major projects enable students to refine their design and fine wood working skills. Knowledge will also be assessed through a range of written tasks throughout the year.

**Recommended Entry Criteria:** 14 credits Level 1 Materials Technology Furniture including Level 1 Safety Standard or see HOD.

**Additional Cost:** Additional materials.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 25921 v3	Make a cupboard with a drawer as a BCATS project	I	6			
U.S. 24350 v3	Identify, select, use and maintain portable power tools for BCATS projects	I	6			
U.S. 12927 v5	Demonstrate knowledge of, select, maintain, and use hand tools for BCATS projects	I	6			
		Total Credits	18	0	0	0



## 200MTT - Level 2 Materials Technology Textiles

Students develop skills and understanding in the field of textile design in this course. Students plan, design and construct textile products using understanding gained from research whilst developing appropriate skills in sewing construction techniques. Creativity is encouraged. We start by adapting a pattern and then develop a garment with special features to produce a quality outcome.

**Recommended Entry Criteria:** 16 credits in Level 1 Textiles Technology or see HOD. A passion for textiles and an interest in sewing.

**Course Cost:** Buy fabrics, notions and drawing paper.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91345 v4	Construction and Mechanical Technologies 2.21 - Implement advanced procedures using textile materials to make a specified product with special features	I	6			
A.S. 91350 v4	Construction and Mechanical Technologies 2.26 - Make advanced adaptations to a pattern to change the structural and style features of a design	I	4			
A.S. 91357 v3	Generic Technology 2.4 - Undertake effective development to make and trial a prototype	I	6			
A.S. 91363 v3	Generic Technology 2.10 - Demonstrate understanding of sustainability in design	E	4	Y		
		Total Credits	20	0	0	0

## 200MEG - Level 2 Mechanical Engineering

This course is a continuation of the programme offered by Competenz in 100Meg. A full year project-based course where students use machines and tools to build projects from metal alloys and plastic. Only relevant written and sketched documentation which supports project work and assessment is required. Optional Achievement Standards are offered to enable Course Endorsement.

**Recommended Entry Criteria:** 14 credits in Level 1 Mechanical Engineering including Level 1 Safety Standard or see HOD.

**Course Cost:** Additional materials.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 2395 v9	Demonstrate and apply knowledge of the selection, use, and care of engineering hand tools	I	4			
U.S. 4436 v7	Select, use and care for engineering marking-out equipment	I	3			
U.S. 32053 v1	Demonstrate knowledge of and apply good work practices when performing machining operations in MaPS environment	I	7			
U.S. 32055 v1	Demonstrate knowledge of and apply good work practices when performing simple fabrication operations in MaPS environment	I	7			
		Total Credits	21	0	0	0

## 200TEC - Level 2 Technology

This course will suit students considering a future in engineering, architecture, or physical sciences. They will generate concepts, prototypes and working models using Computer Aided Design and rapid prototyping techniques to solve problems as a project.

**Recommended Entry Criteria:** Level 1 Technology, Level 1 Mechanical Engineering or Level 1 Electronics, or see HOD.

**Course Cost:** Additional materials.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91357 v3	Generic Technology 2.4 - Undertake effective development to make and trial a prototype	I	6			
A.S. 91356 v3	Generic Technology 2.3 - Develop a conceptual design for an outcome	I	6			
A.S. 91344 v4	Construction and Mechanical Technologies 2.20 - Implement advanced procedures using resistant materials to make a specified product with special features	I	6			
		Total Credits	18	0	0	0

## 300DVC - Level 3 Design & Visual Communication

The course is focused on preparing students for tertiary pathways in all areas of Design, Architecture and Engineering. Problem-solving is based on research to develop innovative solutions to real life needs and opportunities. Students are encouraged to present their designs with software used in industry such as Adobe Photoshop, Inventor and ArchiCAD.

**Recommended Entry Criteria:** Level 2 Design & Visual Communication, Level 2 Visual Art - Design, Level 2 Visual Art - Painting, Level 2 Visual Art - Photography, or see HOD.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91631 v3	Design and Visual Communication 3.34 - Produce working drawings to communicate production details for a complex design	E	6			
A.S. 91629 v3	Design and Visual Communication 3.32 - Resolve a spatial design through graphics practice	I	6			
A.S. 91628 v3	Design and Visual Communication 3.31 - Develop a visual presentation that exhibits a design outcome to an audience	I	6			
		Total Credits	18	0	0	0

### 300MAT - Level 3 Materials Technology Furniture

This course will appeal to students who are interested in entering the joinery or construction industry. Students will have the opportunity to develop their workshop skills using wood as a construction material and gain credits administered by the Building and Construction ITO (BCITO). Knowledge will be further assessed through a range of written tasks through the year.

**Recommended Entry Criteria:** 14 credits Level 2 Materials Technology Furniture including Level 2 Safety Standard.

**Course Cost:** Additional materials.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
U.S. 29684 v1	Undertake a Stage 3 BCATS project	I	12			
U.S. 29679 v1	Develop and use BCATS project documentation for a Stage 3 BCATS project	I	8			
		Total Credits	20	0	0	0

### 300MTT - Level 3 Materials Technology Textiles

Students develop skills and understanding in the field of textile design in this course. Students plan, design, construct and evaluate textile products using understanding gained from research whilst developing appropriate skills in sewing construction techniques. Creativity is encouraged. The first standard is applying design to fabric and the remaining standards are developing a garment with complex procedures to produce a quality outcome.

**Recommended Entry Criteria:** 16 credits Level 2 Textiles Technology, or see HOD.

**Course Cost:** Own fabrics and notions, drawing paper and competition entry fees.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91623 v3	Construction and Mechanical Technologies 3.23 - Implement complex procedures to create an applied design for a specified product	I	4			
A.S. 91621 v3	Construction and Mechanical Technologies 3.21 - Implement complex procedures using textile materials to make a specified product	I	6			
A.S. 91613 v3	Generic Technology 3.6 - Demonstrate understanding of material development	E	4	Y	4r,4w	
A.S. 91611 v3	Generic Technology 3.4 - Develop a prototype considering fitness for purpose in the broadest sense	I	6	Y		
		Total Credits	20	10	4	0

### 300MEG - Level 3 Mechanical Engineering

This course builds on the skills and knowledge gained at Level 2 providing opportunities for students to build their own engineering product. Past projects have included mini-motorbikes, drift trikes and radio-controlled models. The assessments are a mix of Level 2 and 3 Standards, which continue to count towards a Mechanical apprenticeship if students are considering this vocational pathway. Optional Achievement Standards are offered to enable Course Endorsement. This course works well for Electronics students wanting to construct the mechanical elements of a larger design project.

**Recommended Entry Criteria:** 14 credits Level 2 Mechanical Engineering including Level 2 Safety Standard, or see HOD.

**Course Cost:** Additional Materials.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91620 v4	Construction and Mechanical Technologies 3.20 - Implement complex procedures to integrate parts using resistant materials to make a specified product	I	6			
U.S. 32054 v1	Produce components by performing engineering machining operations in MaPS environment	I	7			
U.S. 32056 v1	Perform fabrication operations in MaPS environment	I	7			
		Total Credits	20	0	0	0

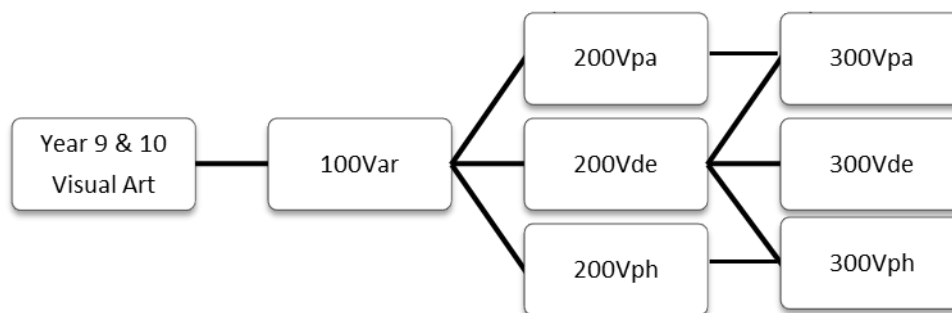
### 300TEC - Level 3 Technology

This course will suit students considering tertiary pathways in professional engineering, architecture, or physical sciences. This course will take knowledge gathered from a range of disciplines to solve real world problems relevant to their interests. Students will work with a client to solve a practical problem faced in the real world.

**Recommended Entry Criteria:** Level 2 Technology, Level 2 Mechanical Engineering or Level 2 Electronics, or see HOD.

**Course Cost:** Additional materials.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91620 v4	Construction and Mechanical Technologies 3.20 - Implement complex procedures to integrate parts using resistant materials to make a specified product	I	6			
A.S. 91610 v3	Generic Technology 3.3 - Develop a conceptual design considering fitness for purpose in the broadest sense	I	6	Y		
A.S. 91611 v3	Generic Technology 3.4 - Develop a prototype considering fitness for purpose in the broadest sense		6	Y		
		Total Credits	18	12	0	0



### 100VAR - Level 1 Visual Art

Students are introduced to a variety of different art methods and practices in this subject. Emphasis is geared towards producing a portfolio of work from the student's best drawing and mixed media paintings completed in class. This class is strongly recommended for students considering progressing towards Level 2 Visual Art Photography, Painting or Design.

**Recommended Entry Criteria:** Year 10 Visual Art.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 90916 v3	Visual Arts 1.4 - Produce a body of work informed by established practice, which develops ideas, using a range of media	E	12			
A.S. 90915 v2	Visual Arts 1.3 - Use drawing conventions to develop work in more than one field of practice	I	6			
A.S. 90914 v3	Visual Arts 1.2 - Use drawing methods and skills for recording information using wet and dry media	I	4			
		Total Credits	22	0	0	0

### 200VDE - Level 2 Visual Art - Design

How does design work as a graphic language? What methods and techniques do designers use to create and formulate ideas? This subject allows students to explore contemporary methods and processes related to visual design. Emphasis is placed on developing set skills in the use of mixed media practices, alongside the use of existing digital technologies such as Adobe Photoshop and Illustrator to reflect on and refine work.

**Recommended Entry Criteria:** Level 1 Visual Art, Level 1 Digital Technology Media, Level 1 Digital Studies, or Level 1 Design & Visual Communication.

**Course Cost:** \$20.00 Printing.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91320 v2	Visual Arts 2.4 - Produce a systematic body of work that shows understanding of art making conventions and ideas within design	E	12			
A.S. 91315 v2	Visual Arts 2.3 - Develop ideas in a related series of drawings appropriate to established design practice	I	4			
A.S. 91310 v2	Visual Arts 2.2 - Use drawing methods to apply knowledge of conventions appropriate to design	I	4			
		Total Credits	20	0	0	0

## 200VPA - Level 2 Visual Art - Painting

This subject builds on the skills and understanding of exploring a range of contemporary artist model approaches in the production of artworks. Emphasis is geared towards producing a portfolio of work encompassing drawing and painting in preparation for a Level 3 NCEA Visual Art option.

**Recommended Entry Criteria:** Level 1 Visual Art and gained credits for external portfolio.

**Course Cost:** \$20.00 Printing.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91321 v2	Visual Arts 2.4 - Produce a systematic body of work that shows understanding of art making conventions and ideas within painting	E	12			
A.S. 91316 v2	Visual Arts 2.3 - Develop ideas in a related series of drawings appropriate to established painting practice	I	4			
A.S. 91311 v2	Visual Arts 2.2 - Use drawing methods to apply knowledge of conventions appropriate to painting	I	4			
		Total Credits	20	0	0	0

## 200VPH - Level 2 Visual Art - Photography

This subject builds on the skills and understanding of exploring a range of contemporary artist model approaches in the production of photographic artwork. Emphasis is geared towards producing a portfolio of work in preparation for Level 3 NCEA. Basic camera skills will be taught in this subject, alongside the use of digital processes such as Adobe Photoshop for the production of fine photographic printing.

**Recommended Entry Criteria:** Level 1 Visual Art and gained credits for external portfolio.

**Course Cost:** Course Cost: \$45.00 Printing, \$10.00 Adobe Suite cost additional. DSLR 35mm or Mirrorless Camera, USB stick and SD card required..

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91322 v2	Visual Arts 2.4 - Produce a systematic body of work that shows understanding of art making conventions and ideas within photography	E	12			
A.S. 91317 v2	Visual Arts 2.3 - Develop ideas in a related series of drawings appropriate to established photography practice	I	4			
A.S. 91312 v2	Visual Arts 2.2 - Use drawing methods to apply knowledge of conventions appropriate to photography	I	4			
		Total Credits	20	0	0	0

**300VDE - Level 3 Visual Art - Design**

On the completion of this course, students will have developed a greater understanding of some of the leading methods and practices of Visual Design. Exploring a contemporary artist model approach, students will develop a portfolio of work that explores a range of ideas related to a personal investigation or given brief. Students taking this subject will see it as a steppingstone into either a Fine Art or Design related course on completion of the year.

**Recommended Entry Criteria:** Level 2 Visual Art - Painting or Level 2 Visual Art - Design or see HOD.

**Course Cost:** \$40.00 Printing, \$10.00 Adobe Creative Suite cost additional. USB stick required.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91455 v2	Design 3.4 - Produce a systematic body of work that integrates conventions and regenerates ideas within design practice	E	14			
A.S. 91450 v2	Design 3.3 - Systematically clarify ideas using drawing informed by established design practice	I	4			
A.S. 91445 v2	Design 3.2 - Use drawing to demonstrate understanding of conventions appropriate to design	I	4			
		Total Credits	22	0	0	0

**300VPA - Level 3 Visual Art - Painting**

Using a range of contemporary drawing and painting approaches, students are guided through an in-depth exploration into the production of artworks. Students taking this subject will see it as a valid steppingstone into either a Fine Arts or Design related course on completion of secondary school.

**Recommended Entry Criteria:** 200 Visual Art - Painting and gained 12 credits for external portfolio.

**Course Cost:** \$20.00 Printing.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91456 v2	Painting 3.4 - Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice	E	14			
A.S. 91451 v2	Painting 3.3 - Systematically clarify ideas using drawing informed by established painting practice	I	4			
A.S. 91446 v2	Painting 3.2 - Use drawing to demonstrate understanding of conventions appropriate to painting	I	4			
		Total Credits	22	0	0	0

### 300VPH - Level 3 Visual Art - Photography

Building on the knowledge and expertise of Level 2 Visual Art Photography, students will be working on developing a portfolio of work that explores a range of contemporary artist studies relevant to their own theme. Students taking this subject will see it as a valid stepping stone into either a Fine Art or Design related course on completion of secondary school. It is highly recommended that students have completed the L2 photography course in preparation for this course.

**Recommended Entry Criteria:** Level 2 Visual Art - Photography, Level 2 Visual Art - Design and Painting.

**Course Cost:** \$75.00 Printing, \$10.00 Adobe Creative Suite cost additional. SD card, USB stick and DSLR 35mm or mirrorless camera required.

Assessment	Description	Internal or External	Credits	L1 Literacy Credits	UE Literacy Credits	Numeracy Credits
A.S. 91447 v2	Photography 3.2 - Use drawing to demonstrate understanding of conventions appropriate to photography	I	4			
A.S. 91457 v2	Photography 3.4 - Produce a systematic body of work that integrates conventions and regenerates ideas within photography practice	E	14			
A.S. 91452 v2	Photography 3.3 - Systematically clarify ideas using drawing informed by established photography practice	I	4			
		Total Credits	22	0	0	0





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