



Business Information Systems



Level 3 Accounting



300ACC

Teacher in Charge: <u>Yvonne Daly</u>

Recommended Entry Criteria

11 credits in Level 2 Accounting.

Course Description

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.

Departments:

Business Information Systems

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91405 v2 Accounting 3.2 - Demonstrate understanding of accounting for partnerships	3	I	4		*	
A.S. 91406 v2 Accounting 3.3 - Demonstrate understanding of company financial statement preparation	3	Е	5		*	
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	3	I	5		5r,5w *	
A.S. 91409 v2 Accounting 3.6 - Demonstrate understanding of a job cost subsystem for an entity	3	I	4		*	
Total Credits			18	0	5	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 18

Total Credits Available: 18 credits. Externally Assessed Credits: 5 credits. Internally Assessed Credits: 13 credits.

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Level 3 Business Studies



300BUS

Teacher in Charge: **Yvonne Daly**

Recommended Entry Criteria

NCEA Level 2 English, Level 1 Mathematics, or 15 credits in Level 2 Business Studies, or see HOD. Due to its collaborative nature, this subject requires full participation in all activities throughout the year. High attendance is essential.

Course Description

Students work in teams to run a business enterprise that is innovative and sustainable. Students will have the opportunity to participate in the Lion Foundation Young Enterprise Scheme (YES) alongside NCEA. You will work with local business people, and have the chance to compete in regional and national competitions against other schools for regional awards, cash prizes and tertiary scholarships. Alongside this you will plan a marketing campaign for your business or a local business that operates in a global context. Students will need to be innovative, forward thinking and self-motivated.

Students need to apply to take this course.

Note: The AS91384 "Carry out, with consultation and innovation and sustainable business activity" is optional in this course.

Departments:

Business Information Systems

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91379 v2 Business Studies 3.1 - Demonstrate understanding of how internal factors interact within a business that operates in a global context	3	Е	4		4r,4w *	
A.S. 91381 v2 Business Studies 3.3 - Apply business knowledge to address a complex problem(s) in a given global business context	3	E	4		4r,4w *	
A.S. 91382 v2 Business Studies 3.4 - Develop a marketing plan for a new or existing product	3	I	6		6r *	
A.S. 91384 v2 Business Studies 3.6 - Carry out, with consultation, an innovative and sustainable business activity	3	l	9		*	
Total Credits			23	0	14	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 23

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 23 credits. Externally Assessed Credits: 8 credits. Internally Assessed Credits: 15 credits.

Level 3 Digital Technology Development and Coding



300DTE

Teacher in Charge: <u>Steve Copley</u>
Recommended Entry Criteria

10 credits in Level 2 Digital Technology Development or see HOD.

Course Description

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).

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Business Information Systems

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91902 v2 Digital Technologies and Hangarau Matihiko 3.3 - Use complex techniques to develop a database	3	I	4			
A.S. 91903 v1 Digital Technologies and Hangarau Matihiko 3.4 - Use complex techniques to develop a digital media outcome	3	I	4			
A.S. 91906 v2 Digital Technologies and Hangarau Matihiko 3.7 - Use complex programming techniques to develop a computer program	3	I	6			
A.S. 91908 v1 Digital Technologies and Hangarau Matihiko 3.9 - Analyse an area of computer science	3	Е	3		3w	
Total Credits			17	0	3	0

Total Credits Available: 17 credits. Externally Assessed Credits: 3 credits. Internally Assessed Credits: 14 credits.

Level 3 Economics

300ECO



Teacher in Charge: <u>Yvonne Daly</u>

Recommended Entry Criteria

NCEA Level 2 English, Mathematics, and 12 credits in Level 2 Economics, or see HOD.

Course Description

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.

Departments:

Business Information Systems

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91399 v2 Economics 3.1 - Demonstrate understanding of the efficiency of market equilibrium	3	E	4		4r,4w *	
A.S. 91401 v2 Economics 3.3 - Demonstrate understanding of micro-economic concepts	3	I	5		5r *	
A.S. 91402 v3 Economics 3.4 - Demonstrate understanding of government interventions where the market fails to deliver efficient or equitable outcomes	3	I	5		5r *	
A.S. 91403 v2 Economics 3.5 - Demonstrate understanding of macro-economic influences on the New Zealand economy	3	Е	6		6r,6w *	
Total Credits			20	0	20	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 20

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 20 credits. Externally Assessed Credits: 10 credits. Internally Assessed Credits: 10 credits.

English



Understanding, using, and creating oral, written, and visual texts of increasing complexity is at the heart of English teaching and learning. By engaging with text-based activities, students become increasingly skilled and sophisticated speakers and listeners, writers and readers, presenters and viewers.

Literacy in English gives students access to the understanding, knowledge, and skills they need to participate fully in the social, cultural, political, and economic life of New Zealand and the wider world. To be successful participants, they need to be effective oral, written, and visual communicators who are able to think critically and in depth.

By understanding how language works, students are equipped to make appropriate language choices and apply them in a range of contexts. Students learn to deconstruct and critically interrogate texts in order to understand the power of language to enrich and shape their own and others' lives.

Level 3 Advanced English for Experts



300ENGA

Teacher in Charge: Jill Cooper

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.

Course Description

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.

Departments:

English

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91472 v1 English 3.1 - Respond critically to specified aspect(s) of studied written text(s), supported by evidence	3	E	4	Υ	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	3	E	4	Υ	4w *	
A.S. 91474 v1 English 3.3 - Respond critically to significant aspects of unfamiliar written texts through close reading, supported by evidence	3	E	4	Υ	4r,4w *	
A.S. 91475 v1 English 3.4 - Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas	3	l	6	Υ	6w *	
A.S. 91476 v1 English 3.5 - Create and deliver a fluent and coherent oral text which develops, sustains, and structures ideas	3	l	3	Υ	*	
Total Credits			29	29	22	0

A.S. 91478 v1 English 3.7 - Respond critically to	3	ı	4	Υ	*	
significant connections across texts, supported by evidence						
A.S. 91479 v1 English 3.8 - Develop an informed understanding of literature and/or language using critical texts	3	I	4	Υ	4r *	
Total Credits			29	29	22	0

Approved subject for University Entrance
Number of credits that can be used for overall endorsement: 29

Total Credits Available: 29 credits. Externally Assessed Credits: 12 credits. Internally Assessed Credits: 17 credits.

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Level 3 Classical Studies



300CLS

Teacher in Charge: Fiona Crowley

Recommended Entry Criteria

14 credits in Level 2 Classics/English, History or Psychology, or discuss with Teacher in Charge.

Course Description

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.

Departments:

English

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91396 v2 Classical Studies 3.3 - Analyse the impact of a significant historical figure on the classical world	3	Е	6		6r,6w *	
A.S. 91397 v2 Classical Studies 3.4 - Demonstrate understanding of significant ideology(ies) in the classical world	3	I	6		6r *	
A.S. 91398 v2 Classical Studies 3.5 - Demonstrate understanding of the lasting influences of the classical world on other cultures across time	3	I	6		6r *	
Total Credits			18	0	18	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 18

Total Credits Available: 18 credits. Externally Assessed Credits: 6 credits. Internally Assessed Credits: 12 credits.

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Level 3 English



300ENG

Teacher in Charge: Jill Cooper

Recommended Entry Criteria

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

Course Description

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.

Departments:

English

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91472 v1 English 3.1 - Respond critically to specified aspect(s) of studied written text(s), supported by evidence	3	E	4	Υ	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	3	E	4	Υ	4w *	
A.S. 91474 v1 English 3.3 - Respond critically to significant aspects of unfamiliar written texts through close reading, supported by evidence	3	Е	4	Υ	4r,4w *	
A.S. 91475 v1 English 3.4 - Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas	3	I	6	Υ	6w *	
A.S. 91476 v1 English 3.5 - Create and deliver a fluent and coherent oral text which develops, sustains, and structures ideas	3	I	3	Υ	*	
A.S. 91478 v1 English 3.7 - Respond critically to significant connections across texts, supported by evidence	3	I	4	Υ	*	
Total Credits			28	28	18	0

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	3	I	3	Y	*	
Total Credits			28	28	18	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 28

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 28 credits. Externally Assessed Credits: 12 credits. Internally Assessed Credits: 16 credits.

Food Technology



The Food Department offers both Food Technology courses and Hospitality courses.

Food Technology offers Achievement Standards in which you can gain Merit and Excellence grades, subject endorsement and University Entrance pathways. It focuses on design thinking using creativity and experimentation to create a new idea. Topics include creating frozen meals for a food charity, designing a bread product influenced by International dishes and creating a pasta dish incorporating traditional Māori ingredients.

Hospitality is a trade certificate course offering Unit Standards (Achieved only) and is focused on building kitchen skills and following a recipe. Topics include food safety, knife skills and baking.

Both subjects have a even split of theory and practical work.

Level 3 Food Technology



300FDT

Teacher in Charge: Melanie Brown

Recommended Entry Criteria

Level 1 or Level 2 Food Technology is preferred but not essential.

Course Description

This course allows students to create their own food product. They will research different aspects of the impacts of farming meat for food and then develop a new plant-based product (sweet or savoury). They will also create a perfect backed cheesecake, starting with making their own cheeses for it.

Departments:

Food Technology

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91608 v3 Generic Technology 3.1 - Undertake brief development to address an issue within a determined context	3	I	4		*	
A.S. 91611 v3 Generic Technology 3.4 - Develop a prototype considering fitness for purpose in the broadest sense	3	I	6		*	
A.S. 91612 v3 Generic Technology 3.5 - Demonstrate understanding of how technological modelling supports technological development and implementation	3	Е	4		4w *	
A.S. 91643 v3 Processing Technologies 3.60 - Implement complex procedures to process a specified product	3	I	6		*	
Total Credits			20	0	4	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 20

Total Credits Available: 20 credits. Externally Assessed Credits: 4 credits. Internally Assessed Credits: 16 credits.

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Level 3 Hospitality



300HOS

Teacher in Charge: Melanie Brown

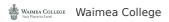
Course Description

This course gives students the opportunity to increase their practical cookery skills and gain a sound base knowledge of what Hospitality work could involve. Those looking to find employment in any aspect of Hospitality are encouraged to take this course. There is a combination of theory work and practical cookery, including food safety, pasta and nutrition.

This course is a Unit Standard course. Please speak with the HOD if you are unsure what this means.

Departments: Food Technology						
Credit Information						
U.S. 168 v8 Demonstrate knowledge of food contamination hazards, and control methods used in a food establishment	3	I	4			
U.S. 13282 v6 Prepare, assemble, and present complex sandwiches for service in a commercial kitchen	3	I	2			
U.S. 13316 v6 Prepare and cook basic pasta dishes in a commercial kitchen	3	I	3			
U.S. 13325 v6 Prepare and bake basic cakes, sponges, and scones in a commercial kitchen	3	I	4			
U.S. 13343 v7 Demonstrate knowledge of nutrition in commercial catering	3	I	5			
Total Credits			18	0	0	0

Total Credits Available: 18 credits. Internally Assessed Credits: 18 credits.



Health/PE



Level 3 Health & Physical Education



300HPE

Teacher in Charge: Nathan Chippendale

Recommended Entry Criteria

12 Level 2 Health & Physical Education or Level 1 Physical Education credits, or HOD approval.

Course Description

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.

Departments:

Health/PE

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91498 v2 Physical Education 3.1 - Evaluate physical activity experiences to devise strategies for lifelong well-being	3	I	4		*	
A.S. 91501 v2 Physical Education 3.4 - Demonstrate quality performance of a physical activity in an applied setting	3	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	3	I	4		4r *	
A.S. 91503 v2 Physical Education 3.6 - Evaluate the use of health promotion to influence participation in physical activity	3	I	5		*	
Total Credits			17	0	4	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 17

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 17 credits. Internally Assessed Credits: 17 credits.

Level 3 Health Education



300HEA

Teacher in Charge: Marcus Swain

Recommended Entry Criteria

10 credits in Level 2 Health Education or HOD approval.

Course Description

Are you passionate about maintaining and enhancing your well-being? This comprehensive course is designed to equip you with the essential skills, knowledge, and understanding to thrive both now and in the future. Prepare yourself for exciting academic and vocational opportunities in fields such as Health Sciences, Nursing, Medicine, Social Work, Childcare, and Teaching. This course also offers a scholarship option.

Departments:

Health/PE

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91461 v3 Health 3.1 - Analyse a New Zealand health issue	3	I	5		5r *	
A.S. 91462 v2 Health 3.2 - Analyse an international health issue	3	E	5		5r,5w *	
A.S. 91463 v3 Health 3.3 - Evaluate health practices currently used in New Zealand	3	I	5		5r *	
A.S. 91464 v2 Health 3.4 - Analyse a contemporary ethical issue in relation to well-being	3	I	4		4r *	
Total Credits			19	0	19	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 19

Total Credits Available: 19 credits. Externally Assessed Credits: 5 credits. Internally Assessed Credits: 14 credits.

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Level 3 Physical Education



300PED

Teacher in Charge: Nathan Chippendale

Recommended Entry Criteria

At least 14 Level 2 credits, or have HOD approval.

Course Description

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.

Departments:

Health/PE

Contributions and Equipment/Stationery Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91498 v2 Physical Education 3.1 - Evaluate physical activity experiences to devise strategies for lifelong well-being	3	I	4		*	
A.S. 91500 v2 Physical Education 3.3 - Evaluate the effectiveness of a performance improvement programme	3	I	4		4r *	
A.S. 91501 v2 Physical Education 3.4 - Demonstrate quality performance of a physical activity in an applied setting	3	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	3	I	4		4r *	
A.S. 91505 v2 Physical Education 3.8 - Examine contemporary leadership principles applied in physical activity contexts	3	I	4		4r *	
Total Credits			20	0	12	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 20

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 20 credits. Internally Assessed Credits: 20 credits.

Level 3 Physical Education - Practical



300PEP

Recommended Entry Criteria

Proven consistent approach to Physical Education classes or HOD approval.

Course Description

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.

Departments:

Health/PE

Contributions and Equipment/Stationery Credit Information

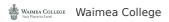
U.S. 22771 v3 Plan beginner-level coaching sessions for sport participants	3	I	6			
U.S. 31677 v1 Coach beginner-level participants through skill development activities for a selected sport	3	I	4			
A.S. 91501 v2 Physical Education 3.4 - Demonstrate quality performance of a physical activity in an applied setting	3	I	4		*	
Total Credits			14	0	0	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 4

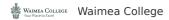
Total Credits Available: 14 credits. Internally Assessed Credits: 14 credits.

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.



Languages





Level 3 English for Speakers of Other Languages



300ESOL

Teacher in Charge:	Rebecca	<u>Henagl</u>	<u>nan</u>
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Recommended Entry Criteria

Students will be advised if this course suits their needs.

Course Description

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.

Departments: Languages					
Credit Information					
U.S. 28062 v4 Participate in a formal interview in English language	3	1	5		
U.S. 30507 v3 Write a short text under test conditions in English for an academic purpose	3	I	5		
U.S. 30511 v3 Read and process information on a	3	I	6		

3

5

21

0

0

Total Credits Available: 21 credits. Internally Assessed Credits: 21 credits.

Total Credits

familiar topic in English for academic purposes

U.S. 31008 v2 Read and understand a range of

English language written texts independently

0

Level 3 Japanese



300JAP

Teacher in Charge: <u>Cate Fuller</u> Recommended Entry Criteria

14 or more credits in Level 2 Japanese, or see HOD.

Course Description

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

Departments:

Languages

Contributions and Equipment/Stationery

\$30.00 Language Perfect Vocabulary online programme (recommended but not compulsory).

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

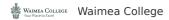
A.S. 91554 v1 Japanese 3.2 - Give a clear spoken presentation in Japanese that communicates a critical response to stimulus material	3	I	3		*	
A.S. 91555 v1 Japanese 3.3 - Interact clearly using spoken Japanese to explore and justify varied ideas and perspectives in different situations	3	I	6		*	
A.S.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

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 19

Total Credits Available: 19 credits. Externally Assessed Credits: 5 credits. Internally Assessed Credits: 14 credits.

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.



Level 3 te reo Māori



300MAO

Teacher in Charge: Morgan Stuart

Recommended Entry Criteria

Level 1 and 2 te reo Māori.

Course Description

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.

Departments:

Languages

Materials Technology



Technology and Design subjects help students prepare for the future. These subjects teach important skills like problem-solving, creativity, and using technology, which are essential in today's technology-driven world. By working on hands-on projects, students learn to think outside the box and adapt to new challenges. This can lead to careers in areas like engineering and construction, architecture, fashion industry, product design, and film & game design. It also helps them understand how things around them work, making them smarter consumers and better at creating new things. Students often work in teams, which builds teamwork and communication skills. Incorporating Technology and Design in a student's education gives them the tools they need to succeed in a fast-changing world.

Level 3 Design & Visual Communication



300DVC

Teacher in Charge: Andrew Gillespie

Recommended Entry Criteria

Level 2 Design & Visual Communication, Level 2 Visual Art - Design, or see HOD.

Course Description

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.

Departments:

Materials Technology

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91628 v3 Design and Visual Communication 3.31 - Develop a visual presentation that exhibits a design outcome to an audience	3	I	6		*	
A.S. 91629 v3 Design and Visual Communication 3.32 - Resolve a spatial design through graphics practice	3	I	6		*	
A.S. 91631 v3 Design and Visual Communication 3.34 - Produce working drawings to communicate production details for a complex design	3	Е	6		*	
Total Credits			18	0	0	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 18

Total Credits Available: 18 credits. Externally Assessed Credits: 6 credits. Internally Assessed Credits: 12 credits.

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Level 3 Materials Technology Furniture



300MAT

Teacher in Charge: Andrew Gillespie

Recommended Entry Criteria

12 credits Level 2 Materials Technology Furniture.

Course Description

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.

Departments:

Materials Technology

Contributions and Equipment/Stationery

Additional materials.

Credit Information

Total Credits			20	0	0	0
U.S. 29684 v2 Undertake a Stage 3 BCATS project	3	I	12			
U.S. 29679 v2 Develop and use BCATS project documentation for a Stage 3 BCATS project	3	I	8			

Total Credits Available: 20 credits. Internally Assessed Credits: 20 credits.

Level 3 Materials Technology Textiles



300MTT

Teacher in Charge: Andrew Gillespie

Recommended Entry Criteria

At least 10 credits in Level 2 Materials Textiles Technology, or see HOD.

Course Description

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.

Departments:

Materials Technology

Contributions and Equipment/Stationery

Own fabrics and notions, drawing paper and competition entry fees.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91611 v3 Generic Technology 3.4 - Develop a prototype considering fitness for purpose in the broadest sense	3	I	6		*	
A.S. 91621 v3 Construction and Mechanical Technologies 3.21 - Implement complex procedures using textile materials to make a specified product	3	I	6		*	
A.S. 91623 v3 Construction and Mechanical Technologies 3.23 - Implement complex procedures to create an applied design for a specified product	3	I	4		*	
Total Credits			16	0	0	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 16

Total Credits Available: 16 credits. Internally Assessed Credits: 16 credits.

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Level 3 Mechanical Engineering



300MEG

Teacher in Charge: Andrew Gillespie

Recommended Entry Criteria

14 credits Level 2 Mechanical Engineering.

Course Description

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. We will use unit standards offered by Competenz which assess practical skills in machining and fabrication. Optional Achievement standards are offered to those students who have completed Level 2 Achievement standards elsewhere in Technology/Design & Visual Communication to enable course endorsement. This course works well for Technology students wanting to construct the mechanical elements of a larger design project.

Departments:

Materials Technology

Contributions and Equipment/Stationery

Additional materials.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

U.S. 32054 v1 Produce components by performing engineering machining operations in MaPS environment	3	I	7			
U.S. 32056 v1 Perform fabrication operations in MaPS environment	3	I	7			
A.S. 91620 v4 Construction and Mechanical Technologies 3.20 - Implement complex procedures to integrate parts using resistant materials to make a specified product	3	I	6		*	
Total Credits			20	0	0	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 6

Total Credits Available: 20 credits. Internally Assessed Credits: 20 credits.

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Level 3 Technology



300TEC

Teacher in Charge: Andrew Gillespie

Recommended Entry Criteria

Level 2 Technology, or Level 2 Mechanical Engineering or see HOD.

Course Description

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.

Departments:

Materials Technology

Contributions and Equipment/Stationery

Additional materials.

Assessment Information

Optional external assessments available for subject endorsement.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91610 v3 Generic Technology 3.3 - Develop a conceptual design considering fitness for purpose in the broadest sense	3	I	6		*	
A.S. 91611 v3 Generic Technology 3.4 - Develop a prototype considering fitness for purpose in the broadest sense	3	I	6		*	
A.S. 91625 v3 Construction and Mechanical Technologies 3.25 - Demonstrate understanding of a complex machine	3	I	3		*	
Total Credits			15	0	0	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 15

Total Credits Available: 15 credits. Internally Assessed Credits: 15 credits.

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Maths



Mathematics is the exploration and use of patterns and relationships in quantities, space and time. Statistics is the exploration and use of patterns and relationships in data. These two disciplines are related but involve different ways of thinking and solving problems. Both equip ākonga with effective means for modelling, analysing and interpreting the world in which they live.

Level 3 Calculus

300MAC



Teacher in Charge: Richard Keys

Recommended Entry Criteria

14 credits in Level 2 Achievement Standards, including Algebra and Calculus.

Course Description

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.

Departments:

Maths

Contributions and Equipment/Stationery

Course Cost: \$15.00 for write-on work book, and a graphics calculator is strongly recommended by NZQA.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91573 v2 Mathematics and Statistics 3.1 - Apply the geometry of conic sections in solving problems	3	I	3		*	Υ
A.S. 91575 v2 Mathematics and Statistics 3.3 - Apply trigonometric methods in solving problems	3	I	4		*	Υ
A.S. 91577 v2 Mathematics and Statistics 3.5 - Apply the algebra of complex numbers in solving problems	3	Е	5		*	Υ
A.S. 91578 v2 Mathematics and Statistics 3.6 - Apply differentiation methods in solving problems	3	Е	6		*	Υ
A.S. 91579 v2 Mathematics and Statistics 3.7 - Apply integration methods in solving problems	3	Е	6		*	Υ
Total Credits			24	0	0	24

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 24

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 24 credits. Externally Assessed Credits: 17 credits. Internally Assessed Credits: 7 credits.

Level 3 Mathematics



300MTH

Teacher in Charge: Richard Keys
Recommended Entry Criteria
At least 11 Level 2 Math credits

Course Description

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.

Departments:

Maths

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

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

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 20

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 20 credits. Externally Assessed Credits: 4 credits. Internally Assessed Credits: 16 credits.

Level 3 Statistics

300MAS



Teacher in Charge: Richard Keys

Recommended Entry Criteria

At least 14 credits in Mathematics and Statistics at Level 2. A graphics calculator is recommended.

Course Description

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.

Departments:

Maths

Contributions and Equipment/Stationery

\$12.00 Optional revision booklets

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

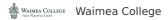
A.S. 91580 v2 Mathematics and Statistics 3.8 - Investigate time series data	3	I	4		*	Y
A.S. 91581 v2 Mathematics and Statistics 3.9 - Investigate bivariate measurement data	3	I	4		*	Υ
A.S. 91582 v2 Mathematics and Statistics 3.10 - Use statistical methods to make a formal inference	3	I	4		*	Υ
A.S. 91583 v2 Mathematics and Statistics 3.11 - Conduct an experiment to investigate a situation using experimental design principles	3	I	4		*	Υ
A.S. 91585 v2 Mathematics and Statistics 3.13 - Apply probability concepts in solving problems	3	E	4		*	Υ
A.S. 91586 v2 Mathematics and Statistics 3.14 - Apply probability distributions in solving problems	3	Е	4		*	Υ
Total Credits			24	0	0	24

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 24

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 24 credits. Externally Assessed Credits: 8 credits. Internally Assessed Credits: 16 credits.



University Mathematics



UniMth

Teacher in Charge: Richard Keys
Recommended Entry Criteria

Must have approval from HOD and have completed Year 13 Calculus.

Course Description

This course is for current Year 12 students studying Year 13 Calculas.

Departments:

Maths



Media Studies



Level 3 Media Studies



300MST

Teacher in Charge: Andy McHaffie

Recommended Entry Criteria

At least 11 Level 2 Media Studies or English or Social Science credits.

Consultation with English teacher or Mr McHaffie

Course Description

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.

Departments:

Media Studies

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91493 v3 Media Studies 3.4 - Demonstrate understanding of a relationship between a media genre and society	3	Е	4		4r,4w *	
A.S. 91494 v2 Media Studies 3.5 - Produce a design for a media product that meets the requirements of a brief	3	I	4		*	
A.S. 91495 v2 Media Studies 3.6 - Produce a media product to meet the requirements of a brief	3	I	6		*	
A.S. 91496 v2 Media Studies 3.7 - Demonstrate understanding of a significant development in the media	3	I	3		*	
Total Credits			17	0	4	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 17

Total Credits Available: 17 credits. Externally Assessed Credits: 4 credits. Internally Assessed Credits: 13 credits.

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.



Outdoor Education



Level 3 Outdoor Education



3000ED

Teacher in Charge: Hillary McDonald

Recommended Entry Criteria

15 credits in Level 2 Outdoor Education or HOD approval. Students need to apply for this subject. Limited numbers.

Course Description

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 300HPE can only gain these standards once and will take the unit standards course.

Departments:

Outdoor Education

Contributions and Equipment/Stationery

\$425.00 approx.

Credit Information

U.S. 20149 v4 Lead climb on single-pitch rock routes with bolts and in-situ anchors	3	I	2			
U.S. 20150 v4 Demonstrate top rope rock climbing and belaying skills on Ewbank Grade 14 and above	3	I	2			
U.S. 28516 v2 Prepare for, participate in, and evaluate an outdoor experience as a member of a group	3	I	15			
A.S. 91501 v2 Physical Education 3.4 - Demonstrate quality performance of a physical activity in an applied setting	3	I	4		*	
A.S. 91504 v3 Physical Education 3.7 - Analyse issues in safety management for outdoor activity to devise safety management strategies	3	l	3		3r *	
A.S. 91505 v2 Physical Education 3.8 - Examine contemporary leadership principles applied in physical activity contexts	3	I	4		4r *	
Total Credits			34	0	7	0

A.S. 91789 v2 Physical Education 3.9 - Devise strategies for a physical activity outcome	3	I	4		*	
Total Credits			34	0	7	0

Approved subject for University Entrance
Number of credits that can be used for overall endorsement: 15

Total Credits Available: 34 credits. Internally Assessed Credits: 34 credits.

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.



Performing Arts



Level 3 Dance

300DAN





Teacher in Charge: Nick Sharpe

Recommended Entry Criteria

Level 2 Dance or a strong performance background.

Course Description

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.

Departments:

Performing Arts

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91588 v2 Dance 3.1 - Produce a dance to realise a concept	3	I	8		*	
A.S. 91589 v2 Dance 3.2 - Choreograph a dance to develop and resolve ideas	3	I	4		*	
A.S. 91590 v2 Dance 3.3 - Perform a solo or duet dance	3	l	4		*	
A.S. 91591 v2 Dance 3.4 - Perform a group dance	3	I	4		*	
A.S. 91592 v2 Dance 3.5 - Perform a repertoire of contrasting dances	3	I	6		*	
A.S. 91593 v2 Dance 3.6 - Demonstrate understanding of dance performance practices	3	I	4		*	
A.S. 91594 v2 Dance 3.7 - Analyse a dance performance	3	E	4		4w *	
Total Credits			34	0	4	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 34

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 34 credits. Externally Assessed Credits: 4 credits. Internally Assessed Credits: 30 credits.

Level 3 Drama





Teacher in Charge: Nick Sharpe
Recommended Entry Criteria

14 credits at Level 1 or 2 Drama or prior performance history.

Course Description

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.

Departments:

Performing Arts

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91512 v2 Drama 3.1 - Interpret scripted text to integrate drama techniques in performance	3	I	4		4r *	
A.S. 91513 v2 Drama 3.2 - Devise and perform a drama to realise a concept	3	I	5		*	
A.S. 91514 v4 Drama 3.3 - Interpret a text from a prescribed playwright to demonstrate knowledge of a theatre form or period	3	Е	4		4r,4w *	
A.S. 91515 v2 Drama 3.4 - Select and use complex performance skills associated with a drama form or period	3	I	4		4r *	
A.S. 91516 v2 Drama 3.5 - Demonstrate understanding of the work of a drama or theatre theorist or practitioner	3	I	4		4r *	
A.S. 91517 v2 Drama 3.6 - Perform a substantial acting role in a significant production	3	I	5		5r *	
A.S. 91518 v3 Drama 3.7 - Demonstrate understanding of live drama performance	3	E	4		4w *	
Total Credits			40	0	35	0

A.S. 91519 v2 Drama 3.8 - Script a drama suitable for live performance	3	I	5		5w *	
A.S. 91520 v2 Drama 3.9 - Direct a drama performance	3	I	5		5r *	
Total Credits			40	0	35	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 40

Total Credits Available: 40 credits. Externally Assessed Credits: 8 credits. Internally Assessed Credits: 32 credits.

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Level 3 Music



300MUS

Recommended Entry Criteria Level 2 Music or see HOD.

Teacher in Charge: Nick Sharpe

Course Description

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.

Departments:

Performing Arts

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91416 v2 Making Music 3.1 - Perform two programmes of music as a featured soloist	3	I	8		*	
A.S. 91417 v2 Making Music 3.2 - Perform a programme of music as a featured soloist on a second instrument	3	I	4		*	
A.S. 91418 v2 Making Music 3.3 - Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group	3	I	4		*	
A.S. 91419 v2 Making Music 3.4 - Communicate musical intention by composing three original pieces of music	3	I	8		*	
A.S. 91421 v3 Music Studies 3.6 - Demonstrate understanding of harmonic and tonal conventions in a range of music scores	3	Е	4		*	
A.S. 91424 v2 Music Studies 3.9 - Create two arrangements for an ensemble	3	I	4		*	
Total Credits			40	0	0	0

A.S. 91849 v1 Making Music 3.11 - Compose three original songs that express imaginative thinking	3	I	8		*	
Total Credits			40	0	0	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 40

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 40 credits. Externally Assessed Credits: 4 credits. Internally Assessed Credits: 36 credits.

Level 3 Performing Arts Technology and Production



300PFT

Teacher in Charge: Nick Sharpe

Recommended Entry Criteria

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

Course Description

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.

Departments: Performing Arts Credit Information 3 U.S. 28005 v4 Stage manage a production in an ı 6 entertainment or event context U.S. 32366 v1 Develop a costume design for a 3 I 5 given work in an entertainment and event context U.S. 32367 v1 Realise the costume design for a 3 ı 4 given work in an entertainment and event context U.S. 32368 v1 Develop a lighting design for a 3 I 5 given work in an entertainment and event context U.S. 32369 v1 Realise the lighting design for a 3 ı 4 given work in an entertainment and event context U.S. 32370 v1 Develop a make-up design for a 3 I 5 given work in an entertainment and event context U.S. 32371 v1 Realise the make-up design for a 3 ı 4 given work in an entertainment and event context U.S. 32372 v1 Develop a scenic design for a 3 5 given work in an entertainment and event context **Total Credits** 55 0 0

U.S. 32373 v1 Construct props and scenic elements to realise the scenic design for a given work in an entertainment and event context	3	I	4			
U.S. 32374 v1 Develop a sound design for a given work in an entertainment and event context	3	I	5			
U.S. 32375 v1 Realise the sound design for a given work in an entertainment and event context	3	I	4			
U.S. 32380 v1 Lead an area of production in an entertainment and event technology context	3	I	4			
Total Credits			55	0	0	0

Total Credits Available: 55 credits. Internally Assessed Credits: 55 credits.



Science



Level 3 Agriculture and Horticulture



300AGH

Teacher in Charge: Esther Hancock

Recommended Entry Criteria

Level 2 Agriculture & Horticulture or see HOD.

Course Description

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.

Departments:

Science

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

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	3	I	4		*	
A.S. 91529 v2 Agricultural and Horticultural Science 3.2 - Research and report on the impact of factors on the profitability of a New Zealand primary product	3	I	6		6r,6w *	
A.S. 91531 v2 Agricultural and Horticultural Science 3.4 - Demonstrate understanding of how the production process meets market requirements for a New Zealand primary product(s)	3	Е	4		4r,4w *	
A.S. 91532 v2 Agricultural and Horticultural Science 3.5 - Analyse a New Zealand primary production environmental issue	3	Е	5		5r,5w *	
Total Credits			19	0	15	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 19

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 19 credits. Externally Assessed Credits: 9 credits. Internally Assessed Credits: 10 credits.

Level 3 Biology





Teacher in Charge: Bevan Rogers

Recommended Entry Criteria

8 Level 2 Biology credits

Course Description

This course is for students who are interested in how organisms respond to stimuli, how humans have evolved, how new species form, and how our body maintains stable internal conditions.

Departments:

Science

Contributions and Equipment/Stationery

Workbook \$25.00.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91601 v2 Biology 3.1 - Carry out a practical investigation in a biological context, with guidance	3	I	4		*	
A.S. 91603 v3 Biology 3.3 - Demonstrate understanding of the responses of plants and animals to their external environment	3	Е	5		5r,5w *	
A.S. 91604 v3 Biology 3.4 - Demonstrate understanding of how an animal maintains a stable internal environment	3	I	3		3r *	
A.S. 91605 v2 Biology 3.5 - Demonstrate understanding of evolutionary processes leading to speciation	3	Е	4		4r,4w *	
A.S. 91606 v2 Biology 3.6 - Demonstrate understanding of trends in human evolution	3	E	4		4r,4w *	
Total Credits			20	0	16	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 20

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 20 credits. Externally Assessed Credits: 13 credits. Internally Assessed Credits: 7 credits.

Level 3 Chemistry





Teacher in Charge: Richard Dunn

Recommended Entry Criteria

Achieved 7 Level 2 Chemistry credits including one external.

Course Description

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.

Departments:

Science

Contributions and Equipment/Stationery

NZQA approved Calculator.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91388 v2 Chemistry 3.2 - Demonstrate understanding of spectroscopic data in chemistry	3	I	3		*	
A.S. 91390 v2 Chemistry 3.4 - Demonstrate understanding of thermochemical principles and the properties of particles and substances	3	Е	5		*	
A.S. 91391 v2 Chemistry 3.5 - Demonstrate understanding of the properties of organic compounds	3	E	5		*	
A.S. 91392 v2 Chemistry 3.6 - Demonstrate understanding of equilibrium principles in aqueous systems	3	E	5		*	
A.S. 91393 v2 Chemistry 3.7 - Demonstrate understanding of oxidation-reduction processes	3	I	3		*	
Total Credits			21	0	0	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 21

Total Credits Available: 21 credits. Externally Assessed Credits: 15 credits. Internally Assessed Credits: 6 credits.

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Level 3 Physics



300PHY

Teacher in Charge: Richard Dunn

Recommended Entry Criteria

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

Course Description

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.

Departments:

Science

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

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	3	I	4		*	
A.S. 91522 v2 Physics 3.2 - Demonstrate understanding of the application of physics to a selected context	3	I	3		*	
A.S. 91523 v2 Physics 3.3 - Demonstrate understanding of wave systems	3	Е	4		*	
A.S. 91524 v2 Physics 3.4 - Demonstrate understanding of mechanical systems	3	E	6		*	
A.S. 91525 v2 Physics 3.5 - Demonstrate understanding of Modern Physics	3	I	3		*	
A.S. 91526 v2 Physics 3.6 - Demonstrate understanding of electrical systems	3	E	6		*	
Total Credits			26	0	0	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 26

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 26 credits. Externally Assessed Credits: 16 credits. Internally Assessed Credits: 10 credits.

Level 3 Science



300SCI

Teacher in Charge: Richard Dunn

Recommended Entry Criteria

Level 2 Science, Chemistry, Physics, Biology.

Course Description

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.

Departments:

Science

Credit Information

This course is approved for University Entrance.

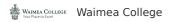
A.S. 90828 v3 Education for Sustainability 3.1 - Evaluate a personal action that contributes towards a sustainable future	3	l	6		6r *	
A.S. 91410 v2 Earth and Space Science 3.1 - Carry out an independent practical Earth and Space Science investigation	3	I	4		4r *	
A.S. 91411 v2 Earth and Space Science 3.2 - Investigate a socio-scientific issue in an Earth and Space Science context	3	I	4		4r *	
A.S. 91415 v2 Earth and Space Science 3.6 - Investigate an aspect of astronomy	3	I	4		4r *	
Total Credits			18	0	18	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 18

Total Credits Available: 18 credits. Internally Assessed Credits: 18 credits.

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Social Sciences



Level 3 Geography



300GEO

Teacher in Charge: Colin Redpath

Recommended Entry Criteria

12 credits in Level 2 Geography or Level 2 English, or see HOD.

Course Description

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.

Departments:

Social Sciences

Contributions and Equipment/Stationery

\$25.00 includes Field trips.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91426 v2 Geography 3.1 - Demonstrate understanding of how interacting natural processes shape a New Zealand geographic environment	3	Е	4		4r,4w *	
A.S. 91427 v2 Geography 3.2 - Demonstrate understanding of how a cultural process shapes geographic environment(s)	3	E	4		4r,4w *	
A.S. 91429 v2 Geography 3.4 - Demonstrate understanding of a given environment(s) through selection and application of geographic concepts and skills	3	Е	4		4r,4w *	
A.S. 91430 v3 Geography 3.5 - Conduct geographic research with consultation	3	I	5		*	
A.S. 91431 v2 Geography 3.6 - Analyse aspects of a contemporary geographic issue	3	I	3		3r *	
A.S. 91432 v3 Geography 3.7 - Analyse aspects of a geographic topic at a global scale	3	l	3		3r *	
Total Credits			23	0	18	0

Approved subject for University Entrance
Number of credits that can be used for overall endorsement: 23

* Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 23 credits. Externally Assessed Credits: 12 credits. Internally Assessed Credits: 11 credits.

Level 3 History

300HST



Teacher in Charge: <u>Tim Wright</u>

Recommended Entry Criteria

14 credits in Level 2 History or 14 Merit or Excellence credits in Level 2 English, or see HOD.

Course Description

Following on from Level 2 History students will study world history topics. Through 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. Students are taught research and literacy skills which help them to thrive in a university setting. The theme for this year is 'Being a Historian'.

Departments:

Social Sciences

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91434 v3 History 3.1 - Research an historical event or place of significance to New Zealanders, using primary and secondary sources	3	I	5		5r *	
A.S. 91435 v3 History 3.2 - Analyse an historical event, or place, of significance to New Zealanders	3	I	5		5r *	
A.S. 91437 v2 History 3.4 - Analyse different perspectives of a contested event of significance to New Zealanders	3	I	5		5r *	
A.S. 91438 v2 History 3.5 - Analyse the causes and consequences of a significant historical event	3	E	6		6r,6w *	
Total Credits			21	0	21	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 21

Total Credits Available: 21 credits. Externally Assessed Credits: 6 credits. Internally Assessed Credits: 15 credits.

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Level 3 Psychology



300PSY

Teacher in Charge: Nicola Hardaker

Recommended Entry Criteria

Level 1 Literacy.

Course Description

Welcome to NCEA Level 3 Psychology! This course delves into: Criminology: Explore why people commit crimes through the biological and behavioural lenses of psychology. Key Psychological Research: Learn about influential studies and the reliability of eyewitness testimonies and factors affecting memory recall. Independent Psychological Research: Conduct your own research project, from design to data analysis. Psychological Issues: Examine topics like gender bias, cultural bias and psychological testing on animals and children.

This course is targeted towards students who care about people, are wanting to take this subject at university, or interested in careers in nursing, teaching, and police. Students need to apply for this subject.

Departments:

Social Sciences

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

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

Total Credits Available: 18 credits. Externally Assessed Credits: 3 credits. Internally Assessed Credits: 15 credits.

Level 3 Tourism



300TSM

Teacher in Charge: Dion Mant
Recommended Entry Criteria

Field trip costs.

Course Description

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/standard.

Students may study additional standards if time allows. These cost \$35/standard. **Departments:** Social Sciences **Credit Information** U.S. 18211 v6 Demonstrate knowledge of 3 I 5 Australia as a tourist destination U.S. 23755 v3 Identify and self-evaluate the 3 I 3 demands of a specific role in a tourism workplace U.S. 31070 v3 Explain the importance of Maori 3 I 4 place names, and use reo Maori greetings and

3

6

18

0

0

0

Total Credits Available: 18 credits. Internally Assessed Credits: 18 credits.

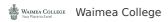
U.S. 31071 v3 Identify and explain the cultural

significance of natural and man-made attractions

farewells in tourism

in tourism Maori

Total Credits



Transition



Level 3 Gateway



300GWY

Teacher in Charge:

Recommended Entry Criteria

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

Course Description

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.

Departments:

Transition

Credit Information

U.S. 497 v10 Demonstrate knowledge of workplace health and safety requirements	1	I	3			
U.S. 1294 v8 Be interviewed in a formal interview	2	I	2			
U.S. 1307 v9 Speak to a known audience in a predictable situation	3	I	3			
U.S. 4251 v9 Plan a career pathway	3	I	3			
U.S. 4252 v9 Produce a personal targeted CV (curriculum vitae)	2	I	2			
U.S. 9681 v8 Contribute within a team or group which has an objective	3	I	3			
U.S. 17592 v6 Identify the causes of back injury and methods to prevent back injuries in the workplace	3	I	4			
U.S. 17593 v6 Apply safe work practices in the workplace	2	I	4			
U.S. 17602 v7 Apply hazard identification and risk assessment procedures in the workplace	3	I	4			
Total Credits			28	0	0	0

Total Credits Available: 28 credits. Internally Assessed Credits: 28 credits.

Visual Art



Level 3 Visual Art - Design



300VDE

Teacher in Charge: Shaun Oughton

Recommended Entry Criteria

Level 2 Visual Art - Painting or Level 2 Visual Art - Design or see HOD

Course Description

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 stepping stone into either a Fine Art or Design related course on completion of the year.

This course is officially part of the NCEA Scholarship programme. Students taking Level 3 practical Art can choose to submit a scholarship portfolio.

Departments:

Visual Art

Contributions and Equipment/Stationery

An approved device with photoshop is required for all senior Visual Art students. Photoshop comes at a cost of \$10 per year. \$40.00 Printing, \$10.00 Adobe Creative Suite cost additional. USB stick required.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91445 v2 Design 3.2 - Use drawing to demonstrate understanding of conventions appropriate to design	3	I	4		*	
A.S. 91450 v2 Design 3.3 - Systematically clarify ideas using drawing informed by established design practice	3	I	4		*	
A.S. 91455 v2 Design 3.4 - Produce a systematic body of work that integrates conventions and regenerates ideas within design practice	3	E	14		*	
Total Credits			22	0	0	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 22

Total Credits Available: 22 credits. Externally Assessed Credits: 14 credits. Internally Assessed Credits: 8 credits.

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Level 3 Visual Art - Painting



300VPA

Teacher in Charge: Shaun Oughton

Recommended Entry Criteria

Level 2 Visual Art - Painting and gained 12 credits for external portfolio.

Course Description

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 stepping stone into either a Fine Arts or Design related course on completion of secondary school.

This course is officially part of the NCEA Scholarship programme. Students taking Level 3 practical Art can choose to submit a scholarship portfolio.

Departments:

Visual Art

Contributions and Equipment/Stationery

An approved device with photoshop is required for all senior Visual Art students. Photoshop comes at a cost of \$10 per year. \$20.00 Printing.

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91446 v2 Painting 3.2 - Use drawing to demonstrate understanding of conventions appropriate to painting	3	I	4		*	
A.S. 91451 v2 Painting 3.3 - Systematically clarify ideas using drawing informed by established painting practice	3	I	4		*	
A.S. 91456 v2 Painting 3.4 - Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice	3	E	14		*	
Total Credits			22	0	0	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 22

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 22 credits. Externally Assessed Credits: 14 credits. Internally Assessed Credits: 8 credits.

Level 3 Visual Art - Photography



300VPH

Teacher in Charge: Shaun Oughton

Recommended Entry Criteria

Level 2 Visual Art - Photography, Level 2 Visual Art - Design and Painting.

Course Description

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.

This course is officially part of the NCEA Scholarship programme. Students taking Level 3 practical Art can choose to submit a scholarship portfolio.

Departments:

Visual Art

Contributions and Equipment/Stationery

An approved device with photoshop is required for all senior Visual Art students.

Photoshop comes at a cost of \$10 per year.

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

Credit Information

This course is eligible for subject endorsement.

This course is approved for University Entrance.

A.S. 91447 v2 Photography 3.2 - Use drawing to demonstrate understanding of conventions appropriate to photography	3	I	4		*	
A.S. 91452 v2 Photography 3.3 - Systematically clarify ideas using drawing informed by established photography practice	3	I	4		*	
A.S. 91457 v2 Photography 3.4 - Produce a systematic body of work that integrates conventions and regenerates ideas within photography practice	3	Е	14		*	
Total Credits			22	0	0	0

Approved subject for University Entrance

Number of credits that can be used for overall endorsement: 22

^{*} Only students engaged in learning and achievement derived from Te Marautanga o Aotearoa are eligible to be awarded these subjects as part of the requirement for 14 credits in each of three subjects.

Total Credits Available: 22 credits. Externally Assessed Credits: 14 credits. Internally Assessed Credits: 8 credits.