

CURRICULUM BOOKLET 2021

**MARLBOROUGH
BOYS'
COLLEGE**



Te Kāreti Taitama o Wairau

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Nau mai Welcome

Kia Ora Students/ Whānau/ Caregivers

Our curriculum goals are to:

1. Meet the academic needs of students whether students are aspiring for tertiary study or going directly into the world of work.
2. Support students to develop/extend passions in areas of co and extracurricular activity whether it be in leadership, service, the arts or sports.
3. To develop skills and attitudes (emotional, psychological and social well-being) to live a fulfilled life.

Quote from the ERO review in 2019 – that we have.....

“A broad, diverse and responsive local curriculum that is increasingly student centred and focused on meeting learner needs and interests.”

The 2021 Course Information booklet outlines the subjects available to students at our College.

It provides the structure of the courses available and outlines qualifications students can achieve. Some courses exist to prepare students for tertiary study. Others exist to prepare students for trades and/or to join the workforce immediately on leaving school. The reading of the Course Information Booklet is one step in the process of choosing your course of study for 2021.

Begin by asking yourself some important questions:

- What subjects do I enjoy?
- What will I want to do in the future?
- Am I aspiring to do tertiary study or work when I leave school?
- What subjects and qualifications will I need to achieve my aspirations?

Aim high – do not sell yourself short. It is important that:

1. The information contained in this booklet is used to discuss what is best for you as the decisions you make today will impact on your future.
2. You discuss the options open to you with your teachers, careers, parents/Whanau, older siblings or older friends. Gather as much advice as you can to help you make an informed decision that is right for you.
3. Make choices for yourself, rather than what friends are doing.

Accept and enjoy the challenges that will be offered in and out of the classroom in 2021

Ngā mihi

Jeremy Marshall | Acting Principal



Mr Jarrod Dunn
Assistant Principal

Mrs Nicole Peterson
Deputy Principal

Mr Jeremy Marshall
Acting Principal

Mr Michael Heath
Deputy Principal

Mrs Michelle Hulland
Assistant Principal

Mr Joshua Harrison
Assistant Principal

Subject Selection

COURSE SELECTION EVENING

This is an opportunity for students and their parents/ caregivers, whānau to meet with teachers in all subject areas to discuss future options. This will be held on the **30th of July 2020**.

DEADLINES FOR SUBJECT SELECTION

Course selection via the student portal **opens on 27th July** for students who will be undertaking a course in year 11, 12 and 13 in 2021. Course selection via the portal will close on the **7th of August**.

Subject Selection		
Year 9	Students study 10 subjects 6 are compulsory	Students choose 4 options
Year 10	Students study 8 subjects, 5 are compulsory	Students choose 4 options
Year 11	Students study 6 subjects, 3 are compulsory	Students choose 3 options
Year 12	Students study 6 subjects, None are compulsory	Students choose 6 options
Year 13	Students study 6 subjects, None are compulsory	Students choose 6 options

CHOOSING A COURSE OF STUDY

ABILITY	+	INTEREST	+	OCCUPATION	=	SUBJECT CHOICE
How good are you at a subject?		What do you enjoy?		What do you want to be when you leave school? If you don't know what you want to be, keep your options open by not specialising.		

Research shows that the two main influences on subject choice are:

- What subjects your friends are taking.
- Who is teaching a subject.

NEITHER of these factors should influence your subject choice. Your friends may not be in the same class as you next year, even if you do select the same subjects, and no one knows yet who will be teaching specific subject next year. So, concentrate on what you need for **YOUR** future.

GENERAL GUIDANCE FOR COURSE SELECTION
<ul style="list-style-type: none"> • Choose the subjects that you are good at and which you enjoy. • Keep your options open as you are likely to pursue several careers. • If you have a career in mind, check with the Careers Advisor whether it has any compulsory subject requirements, and that you are choosing the most appropriate courses to get you there. • Websites such as Careers NZ (www.careers.govt.nz) also have good information on recommended subjects for particular careers that you may have in mind. • Plan your course selection through to the end of your secondary schooling • Think carefully before dropping a subject that you have studied for several years. • Check course entry information for courses you intend to take in future years. Some subjects need to be studied in earlier years to be able to continue with them later on.
Discuss your proposed choice of courses with:
Your parents / caregiver Your teachers Your Form teacher Your Dean The Careers Advisor (Mrs Gail Fletcher) The person named as the contact for a specific course A member of the Senior Leadership team

Junior School

Ngā kaupapa teina

PASTORAL CURRICULUM

All students are supported to be the best they can be through pastoral support at MBC. This happens through daily contact with a form teacher and a consistent dean linked to each student's house. Pastoral instruction is integrated into curriculum delivery with all students working on the school values of Respect, Involvement, Pride, Responsibility and being the best you can be. Additional Pastoral supports and instruction are provided to students individually or as a group "as and when" specific are identified.

The Year 9 Programme also includes a specific Pastoral Programme that follows a Tuakana Teina instruction approach. This occurs every Thursday P1 in terms 1-3 and the focus covers topics including positive behaviors for success and our school values, effective group working, communication, co-operation, self-awareness/expression, culture and diversity, peer pressure, and building strong friendship and trust. The programme invites keynote speakers and follows a workshop approach. This is followed by opportunities to engage in school and community service projects.

COURSE MATERIALS/COSTS

Included in this course information booklet are the details about write-on books and materials which are designed to compliment work done in class. A number of these are voluntary charges. The alternative is that the boys make a copy of the work required and write on their own paper.

Where your son makes use of optional materials, such as a write-on book, these will need to be paid for.

We recognize that some families will face difficulties in being able to afford all the materials offered to compliment their son's learning. As a school we support families by giving them the opportunities to make regular payments to the school to cover costs. Please call in at the school office to make arrangements for this.

E-LEARNING AND BYOD

Our e-learning plan for 2021 encourages all students to bring a laptop device to school to aid learning. Having access to a device is compulsory for all year levels. Options and support are available for families who are not yet able to provide a device for their son. Please contact the school if you would like to discuss these options. It is preferable that students are able to use the same device at school and at home, this is why we look to encourage students to bring a device they own whenever possible. Please contact Dr Eliot Attridge eliot.attridge@mbc.school.nz for advice relating to support options.



YEAR 9 COURSE OVERVIEW

Ngā kaupapa teina

The Year 9 programme is based on the seven Learning Areas of the New Zealand Curriculum, English, Mathematics and Statistics, Science, Social Science, Physical Education and Health, Arts and Languages, and Technology. English, Mathematics and Statistics, Science, Social Studies, Physical Education and Health form the core of the Year 9 programme as full, or half year courses.

Arts and Technology are taught as one-term Elective courses comprising Art, Drama, Music, Design & Graphics, Digital Technology, Food Technology and generic Technology, Students study five of these courses. Teo Reo Maori is offered as a three-term optional course replacing Social Studies. English for Speakers of Other languages is offered as a full-year optional course replacing English.

Year 9 CORE Subjects

ENGLISH - (ENG)
Te Reo Pākehā
English in Year 9 aims to provide the necessary learning opportunities for the students to continue their language development. Opportunities to observe, learn and practice oral, written and visual forms of language. Students are encouraged to read a wide range of texts for a variety of purposes, to develop a range of writing strategies and to acquire the skills necessary to retrieve and process information using different technologies.

PHYSICAL EDUCATION
Akoranga Koiri
The emphasis is on developing large motor movement skills centered on activities that also promote fitness and exercise as fun. Consequently, the major games or sports codes have been de-emphasised to accommodate individual skill learning through a wide range of topics and activities. Some theory will be used to reinforce practical work and introduce the students to concepts related to fitness and healthy developments. Students also undergo an extensive personal testing programme, with results recorded.
Course materials/Costs
Students are required to have a prescribed a PE uniform.

HEALTH
Akoranga Koiri
Health Education in Year 9 aims to provide the opportunities for students to gain the knowledge, skills, attitudes and values to enjoy a healthy lifestyle and to contribute actively to the well-being of other people.
Course materials/Costs
Student Work Booklet

SCIENCE (SCI)
Pūtaiao
Science involves you investigating the living, physical, material and technological components of the environment and making sense of them in logical and creative ways. It helps you investigate systemically and it will help you to develop a clearer understanding of aspects of the world around you. Aspects of technology are covered in the topics. Practical work is an essential part of the course and students are expected to learn a variety of skills.
Course Topics Being a Scientist – <i>kaiputaiao</i> Scientists in Space – <i>Tuarangi</i> Scientists using Waves – <i>Ngaru pou, ngaru pae</i> Scientists in the Sea – <i>Moana tuauriuri</i> Scientists and Engineers – <i>Mahi i te Pungao</i>

CAREER DEVELOPMENT CDV001
Ngā ara mahi, ngā ara mātauranga
This course aims to help the students begin thinking about their future. Students will look at their skills, personal qualities, achievements, values and subject interests to develop a Career Plan. Part of the programme will be exploring Vocational Pathways.

MATHEMATICS & STATISTICS (MAT)
Pāngarau
Our junior courses are based on the study of the three strands of mathematics and statistics. <ul style="list-style-type: none"> • Number and Algebra • Geometry and Measurement • Statistics In studying these strands and the connections between them, students develop the ability to think creatively, critically, strategically and logically. They learn problem solving and skills how to interpret and communicate the solutions to these problems. All of the courses at junior level prepare the students for further study in the senior school, including the achievement of the numeracy requirements at NCEA level one. The teaching of these courses incorporates the teaching of the values and key competencies as outlined in the NZ Curriculum.

SOCIAL SCIENCE (SOS)
Tikanga ā Iwi
‘The Social Sciences learning area is about how societies work and how people can participate as critical active, informed and responsible citizens’. (The New Zealand Curriculum 2007). Our junior course is based on the study of the four key strands of the Social Sciences: Identity Culture and Organisation, Continuity and Change, Economic World, Place and Environment. These strands are examined through a series of study topics based on the key subject areas of the Social Studies: Geography, History, Economics, Accounting and Classical Studies.
Our Year 9 topics include: <ul style="list-style-type: none"> • Pacific Islands • Money and Inequalities • Mighty Marlborough • Migration

OPTIONAL LANGUAGE STUDY

Students may choose one of these Language Studies

TE REO
Te Reo
A course in Maori Language and Maori Culture. <ol style="list-style-type: none"> Korero – basic conversational Maori, an introduction to male formal speech-making on nga marae Mihi-mihi – introductions for people, meetings, topics etc. Whakapapa – genealogy. Tikanga – customs of Maoridom. Maori art and ta moko. Haka – the place of the warrior. Pakanga – maori warfare. Noho Marae – overnight marae-based learning.
Course Material/Costs
Maori dictionary

ENGLISH for Speakers of other Languages (ESL)
Te Reo Pākehā
ESOL in Year 9 covers the four skills of reading, writing, listening and speaking at elementary level. It is applicable to International Students. Students are selected for this course.
The ESOL course develops these skills to improve students English and support their studies in mainstream subjects.

Year 9 Option Subjects

MAORI MAO001
Te Ao Maori
Students get an introduction to te Ao Maori – The Maori World. They will gain basic conversational skills and delve into the history, culture and values of Tangata Whenua (People of the Land). Students explore the theories behind Pacific Migrations and traditional Maori and the effects of colonization and modern day, bi-culture Aotearoa. Kapa Haka is also introduced in this course.

DRAMA DRA001
Whakaari
During the first part of the course, students engage in acting/team building theatre games to develop social and performance skills. The second part of the course focuses on improvisational activities to improve confidence, performance and creative thinking skills. The third part of the course involves performing in a short group performance.

MUSIC MUS001
Puoro
Students learn to play popular tunes on Keyboard, Guitar and Ukulele. They develop ensemble skills by playing music in small groups. They learn basic conventional notation skills, as well as how to read guitar chord charts and Tabs.

GENERIC TECHNOLOGY TEC001
Hangarau Whānui
In this course the students use the Technological Process to construct a physical solution to a problem set using workshop skills. It acts as a foundation where both practical skills and catering to your stakeholder's need are learnt.
Course Material/Costs
Hard Materials for Project work

ART ART001
Ngā Toi Ataata
This art course helps students develop skill in drawing, painting, design, typography and illustration. It forms the basis for further extension in years 10,11,12 and 13.
Course Material/Costs
Specific Art kit

DESIGN AND GRAPHICS DGR001
Ngā Toi Ataata
This is a drawing and design course, which introduces the student to the design process. It involves freehand sketching of design ideas and formal drawings of solutions. It covers design elements in the Technology Curriculum. This can lead to a course of study in Design and Visual Communication at Year 10 and beyond.
Course Material/Costs
Student Workbook and Art Kit

DIGITAL TECHNOLOGY DTY001
Hangarau Matihiko
This is a Computer based course Digital Technology supports young people to develop technologies and lead them to opportunities across the IT sector. It builds on student skills in word processing, spreadsheeting and integrated applications. Students learn computer science, data management and programming with Python. It leads to a course of study in Year 10 and beyond.

FOOD TECHNOLOGY FTY001
Hangarau Kai
A variety of nutritious, tasty meals including a class culture foods buffet meal. The role of food technologists in the food industry focusing on food hygiene, packaging and labelling requirements. Blind tasting to identify characteristics of successful food products. Designing menus and invitations for guest participation.

Learning Areas							
Year 9	Languages	Maths	Science	Social Sciences	Health & Physical Education	The Arts	Technology
	English Te Reo Māori English for Speakers of Other Languages (ESOL)	Mathematics & Statistics	General Science	Social Studies	Physical Education Health Education	Visual Arts Drama Music	Technology Materials Design & Graphics Digital Technology Food Technology
Year 10	English Te Reo Māori Te Waharoa English for Speakers of Other Languages (ESOL)	Mathematics & Statistics Logic & Reasoning	General Science Agriculture & Horticulture	Social Studies Geography History Financial Management & Consumer Law	Physical Education Health Education Awata (Sports Passion) Sports & Fitness	Visual Arts Drama Music Media Studies Digital Art Specialist Art Specialist Music	Technology Materials Design & Graphics Digital Technology Food Technology Engineering Workshop Skills
	Outdoor Education (Optional) Rotoiti Lodge Camp (Y10 Only) (Career Development course delivered in year 9 only)						

YEAR 10 COURSE OVERVIEW

Ngā kaupapa teina

COMPULSORY COURSES

English, Mathematics and Statistics, Science, Social Studies, Physical Education & Health.

OPTIONAL LANGUAGE STUDY

Te Reo Maori (instead of Social Studies)

English for Speakers of Other Languages (instead of Social Studies)

ART AND TECHNOLOGY ELECTIVES, EACH STUDIES FOR TWO TERMS

Core Art

Core Music

Digital Art

Logic and Reasoning

Drama

OPTION SUBJECTS, EACH STUDIES FOR ONE TERM, SELECTED FROM:

Agriculture/Horticulture

History

Awata (Sports Passion)

Media Studies

Design and Graphics

Specialist Art (two terms)

Digital Technology

Specialist Music (two terms)

Engineering Workshops Skills

Sports and Fitness

Financial Management and Consumer Law

Te Waharoa

Food Technology

Technology

Geography

The number of Electives and Options will be influenced by whether an optional Language Study is chosen. Refer to the course selection form for details.

Special note: The Health Education Programme incorporates a Sexuality Education and Human Relationships Programme. Permission for students to be withdrawn from this aspect of the course can be indicated on the subject selection form. Please ensure that you complete the Health permission section at the bottom of the subject selection form.

NCEA ASSESSMENTS IN YEAR 10 COURSES

Some Year 10 courses have a small amount of NCEA Assessment in their programmes. Through these assessments students are able to gain credits which will count towards their NCEA in year 11, the credits will be reported in the following year.

NCEA ASSESSMENT IN YEAR 11 COURSE

A small number of Year 10 students may be involved in Year 11 (Level 1) courses which include external NCEA examinations. Credits gained through NCEA assessments by these students will be reported in the current year.



Year 10 CORE Subjects

ENGLISH - (ENG)
Te Reo Pākehā
<p>English in Year 10 aims to provide an extension of the necessary learning opportunities for students to continue their languages development with particular attention to preparation for NCEA Level 1.</p> <p>Opportunities to observe, learn and practice oral, written, and verbal forms of language are the basis for the English programme. Students are encouraged to read a wide range of texts for a variety of purposes, to develop a range of writing strategies and to acquire the skills necessary to retrieve and process information using different technologies. Students will be exposed to a variety of assessment conditions to assist them in developing the skills necessary for NCEA Level 1.</p>

MATHEMATICS & STATISTICS (MAT)
Pāngarau
<p>Our junior courses are based on the study of the three strands of mathematics and statistics:</p> <ul style="list-style-type: none"> • Number and Algebra • Geometry and Measurement • Statistics <p>In studying these strands, and the connections between them, students develop the ability to think creatively, critically, strategically and logically. They learn problem solving skills and how to interpret and communicate the solutions to these problems. All the courses at junior level prepare the students for further study in the senior school, including the achievement of the numeracy requirements at NCEA level one. The teaching of these courses incorporates the teaching of the values and key competencies as outlined in the NZ Curriculum.</p>

SOCIAL SCIENCE (SOS)
Tikanga ā Iwi
<p>The social sciences learning area is about how societies work and how people can participate as critical, active, informed and responsible citizen(s) The New Zealand Curriculum, 2007).</p> <p>Our junior curriculum is based on the study of the four key strands of the Social Sciences. Identity, Culture and Organisation, Continuity and change, Economic World, Place and Environment.</p> <p>These strands are examined through a series of study topics based on the key subject areas of the Social Sciences, Geography, History, Economics, Accounting and Classical Studies. Our Year 10 topics include:</p> <ul style="list-style-type: none"> • Government • Landscapes and Environmental Issues • Treaties • Human Rights • Business Enterprise • Ancient History
Course Material/Costs
Tua Marina Field trip Workbook (Some classes only)

SCIENCE (SCI)
Pūtaiao
<p><i>Science involves you in investigating the living, physical, material, and technological components of the environment and making sense of them in logical and creative ways.</i></p> <p><i>It helps you investigate systemically, and it will help you to develop a clearer understanding of aspects of the world around you.</i></p> <p><i>Aspects of technology are covered in the topics. Practical work is an essential part of the course and students are expected to learn a variety of skills.</i></p> <p>Course Topics</p> <p><i>Experimental Biology – Whakamatau matauranga koiaor</i></p> <p><i>Experimental Chemistry – Whakamatau matai matu</i></p> <p><i>Experimental Physics – Whakamatau matai ahupungao</i></p> <p><i>Electricity – Pukaha hiko</i></p> <p><i>Science Celebration – Putaiao whakahari</i></p>
Course Material/Costs
Workbook recommended

PHYSICAL EDUCATION
Akoranga Koiri
<p>The emphasis is on developing large motor movement skills centered on activities that also promote fitness and exercise as fun. At the start of each term, the Year 10 students will select a sporting activity to participate in for that term. The options available will vary, depending on the season but will always give students a wide choice.</p> <p>Students also undergo an extensive personal testing programme, with results recorded and a personal profile sent home.</p>
Course materials/Costs
Students are required to have a prescribed a PE uniform.

HEALTH
Akoranga Koiri
<p>Health Education in Year 10 aims to provide the opportunities for students to gain the knowledge, skills, attitudes and values to enjoy a healthy lifestyle and to contribute actively to the wellbeing of other people.</p>
Course materials/Costs
Student Work Booklet

OPTIONAL LANGUAGE STUDY

Students may choose one of these Language Studies

TE REO
Te Reo
<p>The primary emphasis is on oral language. The customs, rituals, crafts, and history of the Maori will also be taught. Students will be introduced to all aspects of the culture throughout Aotearoa and the differing dialects. This is a full year course and is focused on preparing students for Level 1 NCEA Te Reo Maori in the following year.</p>
Course Material/Costs
Maori dictionary

ENGLISH for Speakers of other Languages (ESL)
Te Reo Pākehā
<p>ESOL in Year 10 covers the four skills of reading, writing, listening and speaking at elementary level. It is applicable to International Students. Students are selected for this course.</p>
<p>The ESOL course develops these skills to improve students English and support their studies in mainstream subjects.</p>

Year 10 Electives

The number of Arts Electives you need to choose depends on whether you do the language study.

TE WAHAROA	TWA010
Te Waharoa	
Students get an introduction to Te Ao Maori – The Maori World. They will gain basic conversational skills and delve into the history, culture and values of Tangata Whenua (People of the Land). Students explore the theories behind Pacific Migrations and traditional Maori and the effects of colonization and modern day, bi-culture Aotearoa. Kapa Haka is also introduced in this course.	

DIGITAL ART	DAR010
Toi Matihiko	
<p>This is a computer-based course</p> <p>This course offers an introduction to the tools, techniques, and operations of Adobe Photoshop. Students learn to present effects in pictures and text. Photoshop is used extensively in the workplace, and in the senior school subjects of design, Photography, Media and Digital Technology.</p>	
Course Material/Costs	
Access to Adobe suite needed	

MUSIC	MUS010
Puoro	
Students further develop skills in playing the guitar, bass guitar and ukulele. Students further develop skills in ensemble performances.	

LOGIC AND REASONING LOR010
Whakakaupapa Mahara
<p>The logic and reasoning course explores systemic approaches to problem solving with a strong focus on the STEM fields. The course encompasses coding with Python, using the raspberry Pi computer and simple electronics circuits. The culmination is a student driven project.</p>

ART	ART010
Ngā Toi Ataata	
This art course explores the basic elements of line, tone, texture, shape and colour. These are applied to practical assignments through drawing, printmaking and painting. Design and sculptural opportunities are also available.	
Course Material/Costs	
Specific Art kit	

DRAMA	DRA010
Whakaari	
Drama is the expression of ideas, feelings and human experience through movement, sound, visual image and the realization of role. Students will engage in theatre games to develop skills perform a mime scene, create and perform two contrasting monologues and engage in script work.	

Year 10 Option Subjects

TE WAHAROA TWA010
Te Waharoa
This course provides a Matauranga Maori focus for learners, representing the beginning of the journey from the 'gateway' towards the whare tipuna of the marae. Course Content Te Waharoa takes a holistic approach to Te Ao Maori, with learners embarking on a journey through Maori Performing Arts, Te Reo Maori, diving and gathering traditional kai, Maori history, and tribal traditions, carving and weaving, plus many other aspects of Te Ao Maori.
Course Material/Costs
EOTC Costs

GENERIC TECHNOLOGY TEC001
Hangarau Whānui
Students complete one practical project along with a project portfolio. In preparation for NCEA Level 1, the focus is on designing the project for a specific purpose. Students are encouraged to consider the needs of the stakeholders. They also follow a design process and learn basic planning skills so that they can track their own progress.
Course Material/Costs
Hard Materials for Project work

GEOGRAPHY GEO010
Tikanga ā Iwi
This is an optional one term course designed to give students an understanding of what geography is and how we study it in the senior school. Students are introduced to National and Cultural Geography and the key concepts of patterns, processes, change, interaction, perception, and sustainability.

FINANCIAL MANAGEMENT AND CONSUMER LAW FMC010
Whakahaere putea me te mahi whakature
Budgeting, planning for the future and making wise choices with their finances is a focus. Also, students must know their legal rights and responsibilities when purchasing goods and services. This course will cover the Consumer Guarantees Act & Fair-Trade Act and an introduction to basic economic concepts.

AGRICULTURE/ HORTICULTURE ASP010
Ahuwhenua
A broad course which looks at several aspects of agriculture in New Zealand. It includes; Agriculture in NZ farm types, animal management. Pasture production, safety and machinery.

DESIGN AND GRAPHICS DGR010
Ngā Toi Ataata
This is a design course aimed at teaching design and drawing and applying it to a number of design situations. It is aimed at students with an interest in design. Students will learn the skills and knowledge needed to design.
Course Material/Costs
Student Workbook and Art Kit

FOOD TECHNOLOGY FTY010
Hangarau Kai
Design and make drinks, meals, and desserts. Develop knife skills and create a two-course roast dinner. Four level 1 NCEA credits can be achieved. Students can continue with these studies in hospitality and chef training in Year 11, 12 and 13. Explore and make nutrient dense meals from countries of their choice/ Study fresh local food.

HISTORY HIS010
Tikanga ā Iwi
Who was Napoleon? What was a Motte and Bailey? Why did rugby become New Zealand's national sport? The history course is designed as a one term introduction where questions such as these may be answered. The class includes an examination of historical evidence and an expectation that students will analyze the evidence. As a class, the students will choose two of several topics of study. Topics could include New Zealand sport, MediEval Europe, New Zealand at War, The French Revolution, The Tudors, or a topic of interest at the time. Students will be assessed on their ability to complete a research assignment, write an essay, and knowledge of historical facts.

DIGITAL TECHNOLOGY DTY001
Hangarau Matihiko
This is a Computer based course. Digital technology supports young people to develop skills, confidence and interest in digital technologies and leads them to opportunities across the IT sector. This course is based on computational thinking. The course builds on students' skills in spreadsheets, word processing, computer science and programming with Python. It leads to a course of study in Year 11 and beyond.
Course Material/Costs
Interactive Programme

MEDIA MED010
mahi pāpāho
This course gives an introduction to Media Studies. Students will learn the components of film and skills of analyzing film texts. They will film and digitally edit their own short film text. There is also a component exploring interaction with web-based sources and the impact on their day-to-day lives.

SPORTS AND FITNESS SPF 010
Akoranga Koiri
This course is a practical course with emphasis on participation in exercise for the physical, social, and mental benefits that it provides. The aim of this course is to get students physically active for as much of the time that they are in class. Activities will be based on teamwork, a variety of sports, fitness, and recreational games. It will also introduce aspects of self-reflection and self-analysis in respect to their involvement in exercise which will aid transition to Senior PE in Year 11.

SPECIALIST ART SAR010
Toi motuhake
This course involves the extension of skills in drawing, design, photography, and painting skills. Students will also be involved in printmaking as well as collaborate exercises. Choosing this gives an excellent introduction to Art at Level 1. Students taking this course should NOT also take Core Art.
Course Material/Costs
Specific art kit

AWATA (SPORTS PASSION) ASP010
Hākinakina panapana
Is sport your "Passion"? Awata aims to provide an extension opportunity for students, for whom "Their sport is their passion". This course aims to develop the whole sportsman by learning about methods of training, skill development, nutrition, goal setting as well as the playing of sport. By studying these strands and the connections between them, students develop the ability to think strategically and creatively. They will learn problem solving skills and how to utilize these in their chosen sport. If you select this course you will be required to complete an application form.
Course Material/Costs
Student Workbook and Art Kit

ENGINEERING WORKSHOP SKILLS EWS010
Pūkaha
This course is designed as an introduction to the machines, tools and materials used in Engineering. It provides an opportunity to experience what may be involved if further study is undertaken in Year 11-13 without having to make a full year commitment. The course is based around project work in the engineering workshop, with an emphasis on gaining practical skills.
Course Material/Costs
Hard Materials for Project work

SPECIALIST MUSIC SMU010
Puoro Motuhake
Students need to be learning an instrument from a qualified Instrumental teacher. Voice is included. The performance Music Department could arrange a selection of brass instrumental lessons. The assessments include solo and group assessments and composition assessments. This course is designed for students who intend to take MUS100 in Year 11. Students who have chosen SMU should NOT opt for the standard Year Instrumental Music (IMU012).



SENIOR QUALIFICATIONS

Ngā kaupapa tuakana

NATIONAL CERTIFICATE IN EDUCATIONAL ACHIEVEMENT

The NCEA is a general certificate based on credit totals rather than on specific Unit Standards or Achievement Standards. However, it does have Literacy and Numeracy requirements at Level 1.

NCEA (LEVEL 1)

80 Credits (from Unit Standards or Achievement Standards) at Level 1, or higher.

Literacy and numeracy requirements

Literacy Minimum of 10 credits through either:

- Achievement standards – Specified achievement standards available through a range of subjects (minimum total of 10 credits), or
- Unit standards – package of three Literacy unit standards (total of 10 credits – all three required)

Numeracy Minimum of 10 credits through either

- Achievement standards – Specified achievement standards available through a range of subjects – (minimum total of 10 credits), or
- Unit Standards – package of three numeracy unit standards (total of 10 credits – all three required)

Literacy and Numeracy requirements can be achieved over more than one year.

NCEA (LEVEL 2)

Level 1 Literacy and Numeracy (as above) and a minimum of 80 Credits, of which 60 must be at Level 2 or higher (ie 60 at Level 2 and 20 at Level 1 will do).

NCEA (LEVEL 3)

Level 1 Literacy and Numeracy (as above) and a minimum of 80 Credits, of which 60 must be at Level 3 or higher (ie 60 at Level 3 and 20 at Level 2 will do).

Effectively, you can upgrade the NCEA from one level to the next with 60 credits at the higher Level. You do not need to have completed the NCEA at a lower Level to achieve it at a higher level, but you must meet Literacy and Numeracy requirements.

NCEA ENDORSEMENT

Endorsement can be achieved at Certificate Level or at individual Course level.

CERTIFICATE ENDORSEMENT

NCEA will be endorsed with Excellence if you achieve at least 50 Excellence credits at or above the level of the certificate. It will be endorsed with Merit if you achieve at least 50 Merit at or above the level of the certificate.

Excellence credits can contribute to a Merit endorsement. Certificate Endorsement can be accumulated over more than one year

COURSE ENDORSEMENT

To achieve Course Endorsement with excellence (or Merit) you must achieve at least 14 credits with Excellence (or Merit/Excellence). These 14 credits must include a minimum of three internally assessed credits and three externally assessed credits. There is a variation to this requirement for Physical Education and for Visual Art subjects – see the Head of Faculty or Course Coordinator for further information. Course endorsement is gained at the level of the lowest-level standard making up the eligible credits, the course must be completed within one school year. Course endorsement does not include Scholarship.

Level 100-300 courses that are eligible for Course Endorsement are indicated by “Subject Endorsement applicable in this course” in their NZQA Assessment notes.

The College also provides study opportunities leading towards a number of Industry National Certificates.

Learning Areas								
	Languages	Mathematics	Science	Social Sciences	Health & Physical Education	The Arts	Technology	NZ School of Wine Growing
Year 11	English Te Reo Māori Te Waharoa Pathway English English for Speakers of Other Languages (ESOL)	Mathematics & Statistics	General Science Agriculture & Horticulture	Classical Studies Geography History Accounting Economics	Physical Education	Visual Arts Drama Music Media Studies	Technology Materials Design & Graphics Digital Technology Hospitality Furniture Making Engineering	
Year 12	English Te Reo Māori Te Waharoa Pathway English English for Speakers of Other Languages (ESOL)	Mathematics Calculus Statistics	General Science Agriculture & Horticulture Biology Chemistry Physics Sustainable Marine Science Electronics Forestry	Classical Studies Geography History Accounting Business Studies Economics	Sports Studies Outdoor Education Physical Education Rugby Academy	Visual Arts <i>Design</i> <i>Painting</i> <i>Photography</i> Drama Music Media Studies	Technology Materials Design & Graphics Digital Technology Hospitality Furniture Making Engineering Construction	Cellarhand Practical Wine Science Agribusiness Wine Product Design
Year 13	English Te Reo Māori Te Waharoa Pathway English English for Speakers of Other Languages (ESOL)	Calculus Statistics	Agriculture & Horticulture Biology Chemistry Physics Sustainable Marine Science Forestry	Classical Studies Geography History Accounting Business Studies Economics	Sports Studies Outdoor Education Physical Education Rugby Academy	Visual Arts <i>Design</i> <i>Painting</i> <i>Photography</i> Drama Music Media Studies	Technology Materials Design & Graphics Digital Technology Hospitality Furniture Making Engineering Construction	Cellarhand Practical Wine Science Agribusiness Wine Product Design

Vocational Pathways

When considering courses, you might wonder what sorts of careers (vocations) or further training they could lead to. Or, if you are considering a career, you might wonder what courses you should consider taking while you are at school.

Vocational Pathways are being developed to help students understand how Achievement and Unit Standards gained at school are relevant to career or further training opportunities when they leave school.

NZQA had classified Unit and Achievement Standards as being related to one or more of six Vocational Pathways. They are Manufacturing and Technology, Construction and Infrastructure, Primary Industries, Service Industries, Social and Community Services, Creative Industries.

The standards listed in the tables of assessments for senior courses are colour coded according to the Vocational Pathway(s) they relate to.

For example 90849 shows that

Achievement Standard 90849 provides credit towards the Manufacturing and Technology, Construction and Infrastructure, Primary, Service, Social & Community Services, and Creative Industries Pathways.



If you achieve NCEA Level 2 with 60 Level 2 (or higher) credits from the Recommended Assessment Standards for a particular Vocational Pathways sector e.g Primary Industries, which include 20 Level 2 credits from Sector-Related Standards for the same sector e.g Primary Industries, then you can will qualify for the Vocational Pathway Award.

Further information is available at <http://youthguarantee.net.nz/vocational-pathways>

Study at University

You will need University Entrance to study at a New Zealand university.

University Entrance, as awarded by NZQA, requires NCEA Level 3 including:

14 credits in each of three Approved Subjects – see the list of Approved Subjects.

10 Level 2 Literacy credits comprising five Reading and five Writing credits.

Standards that contribute to UE Literacy are shown in the tables of senior course assessments.

10 Level 1 Numeracy credits

Note: This describes the general University Entrance awarded by NZQA.

Some universities may have more stringent requirements and many university courses throughout NZ have specific subject related requirements for entry. If you have a particular university qualification in mind, make sure you are aware of these requirements well ahead of your Year 13 year.

In general, you need to perform well above the requirements of UE in Year 13 to be successful at university.

Approved University Entrance Subjects

These are the Approved UE Subjects taught at Marlborough Boys' College.

Accounting ACC300	Design & Graphics DGR300	Music MUS300	Technology (Materials) TEC300
Agriculture & Horticulture AGH300	Economics ECO300	Physics PHY300	Design DES300
Biology BIO300	English ENG302/303	Statistics STA300	Painting PTG300
Calculus CAL300	Geography GEO300	Te Reo Rangatira	Photography PHT300
Chemistry CHE300	History HIS300	Te Reo Maori MAO300	Physical Education PED300
Classical Studies CLS300	Media Studies MED300	Technology (Digital) DTY300	

Scholarship

Scholarship is available for each of the UE Approved Subjects.

See the Head of Faculty concerned for details.

Course Content and Assessment

The content and assessment of senior courses are subject to ongoing review. Details of course content and assessment in this booklet were accurate at the time of printing. Some minor changes may occur as a result of Faculty and NZQA reviews prior to the start of the following year.

Standards listed for each subject represent a “core” of assessments that would apply to a typical student in the course. Some courses offer additional optional standards depending on any special areas of interest or speciality you might have.

The assessment for some courses such as Technology, Design & Visual Communication, and the Visual Arts, involves a major portfolio of work that is produced throughout the year and assessed at the end of the year.

Viability of Classes

The College offers these courses in good faith at the time of printing this booklet.

The College is constrained by the amount of staffing provided by the Ministry of Education.

Numbers of classes in each subject and whether small classes are able to be timetabled will depend on numbers of students choosing the various subjects, and may be influenced by changes in staffing.

Interchange with Marlborough Girls’ College

In some instances, it may be necessary to have students attend classes at MGC due to timetabling and option constraints within our existing system. Students who are impacted upon in this manner may be given the option to attend a class at MGC that meets their academic and career focused needs. Student’s record of successful learning and self-management will be a prerequisite for consideration of a students’ entry into the Interchange programme.

The Deans and Management Teams will consider each application to participate in the programme. In most cases this option will only be available to students in Years 12 and 13.

Senior Course Requirements

Most Year 11 students will study English, Mathematics, Science, and three other subjects.

Year 12 students will study six subjects. Students who have not gained Level 1 Literacy must choose an English course.

Remaining students will need to include English unless on an Individual Education Plan that ensures the potential to meet UE Literacy requirements.

Year 13 students will study at least five subjects. Students requiring UE Literacy must choose an English course.

Key for Subject information:

Literacy for Level 1	Numeracy	Literacy for UE	Int / Ext	Credits	Level
L1	Y	R = Reading	Internal	Number of credits per standard	NCEA Level of assessment
		W = Writing	External Exam		

Ngā Toi Ataata

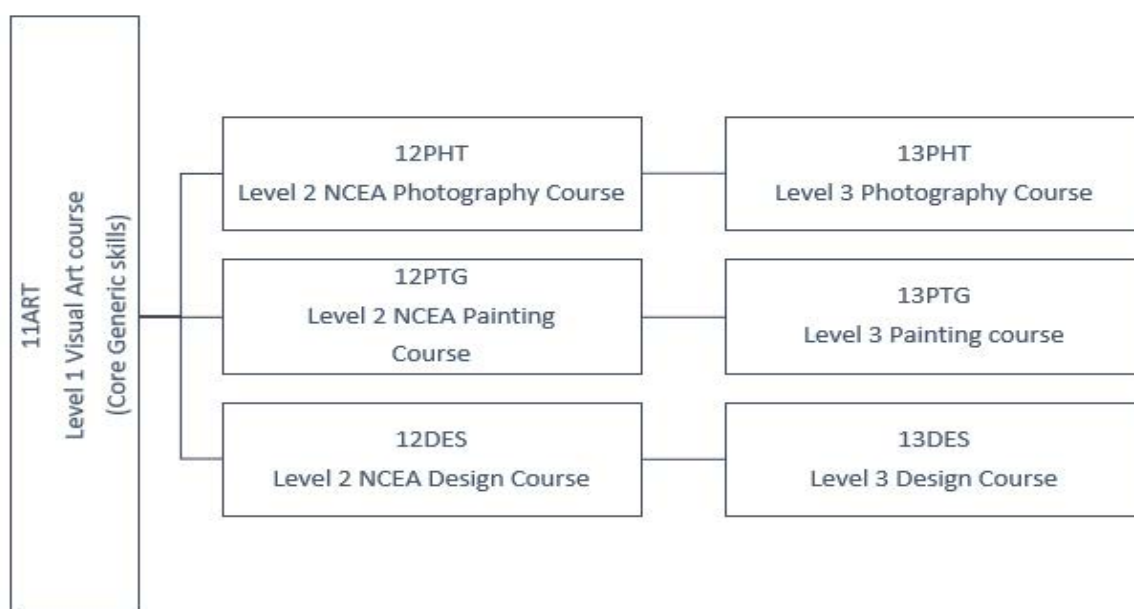
VISUAL ARTS

Visual Arts courses are designed to support students reaching their creative and personal potential. This is done through a skill-based programme using the matrix provided in the NCEA Visual Arts curriculum.

This serves to extend confidence and understanding in a Visual Arts context (drawing, painting, printmaking, sculpture, design, photography, art terminology, etc.). Learners will have the opportunity to co-construct individualised programmes which best reflect their interests, identity, culture, diversity, ideas and skill set. With a focus on sharing opportunities which generate new ideas from existing concepts (originality and personal expression).

An outcome of the above is that learners develop self-discipline and self-motivation to succeed, alongside a willingness to share, develop trust, responsibility, respect and pride through creation of quality artworks.

On successfully completing a Visual Arts course in the senior school, learners will have developed a positive disposition towards learning. Have continued to build the ability to think critically, manage themselves, set goals and overcome obstacles.



VISUAL ART		LEVEL 1		CODE: ART100					
ENTRY REQUIREMENTS: Course completion at year 10		Standard	Title	Level	Int/ Ext	Credits	Lit	Num	
COURSE DESCRIPTION: This is a course designed for students interested in developing Art Skills including freehand drawing. Drawing (various media and techniques) Painting (acrylic) Photography and Design basics Research skills Creative and divergent thinking skills 2 Panel portfolio - Planning & Production		90913	Demonstrate understanding of art works from a Maori and another cultural context using art terminology.	1	I	4	L1		
		90914	Use drawing methods and skills for recording information using wet and dry media.	1	I	4			
		90915	Use drawing conventions to develop work in more than one field of practice.	1	I	6			
		90916	Produce a body of work informed by established practice, which develops ideas, using a range of media.	1	E	12			
		90917	Produce a finished work that demonstrates skills appropriate to cultural conventions.	1	I	4			
					TOTAL CREDITS			28	
QUALIFICATION to be gained: Entry into year 12 programme and possible course endorsement									
CONTACT PERSON: MRS D CAVE-HIGGINS									



VISUAL ART - DESIGN		LEVEL 2		CODE: DES200					
ENTRY REQUIREMENTS: 10 Credits in Year 11 Art / DTY or DVC or by approval from the Head of Arts.		Standard	Title	Level	Int/ Ext	Credits	Lit	Num	
COURSE DESCRIPTION: This is a course designed for students interested in developing Design skills. Digital Drawing (various media and techniques) Freehand Drawing Skills Photoshop Applications Graphic design processes Research & Design Principles 2 panel Folio									
QUALIFICATION to be gained: Entry into year 13 programme and possible course endorsement									
		TOTAL CREDITS					26		
CONTACT PERSON: MRS D CAVE-HIGGINS									

VISUAL ART - PHOTOGRAPHY		LEVEL 2		CODE: PHT200					
ENTRY REQUIREMENTS: Open Entry, but 10 Credits in year 11 art are preferred		Standard	Title	Level	Int/ Ext	Credits	Lit	Num	
COURSE DESCRIPTION: This is a course designed for students interested in developing their ideas using a camera.									
Development of Digital Photography Skills Own ideas explored and expanded Use of mixed media and new techniques Development of research and thinking skills 2 panel Folio									
QUALIFICATION to be gained: Entry into year 13 programme and possible course endorsement									
		TOTAL CREDITS					24		
CONTACT PERSON: MRS D CAVE-HIGGINS									

VISUAL ART - PAINTING		LEVEL 2		CODE:PTG200					
ENTRY REQUIREMENTS: 10 credits in Year 11 ART or by approval of the Head of Arts Faculty		Standard	Title	Level	Int/ Ext	Credits	Lit	Num	
COURSE DESCRIPTION: This is a course designed for students interested in developing their Painting and general Art skills. Extension of Painting skills (Acrylic and Oil) Observational and Freehand drawing skills extended Use of mixed media and new techniques Development of research and thinking skills Own ideas explored and expanded 2 panel Folio planning and production									
QUALIFICATION to be gained: Entry into year 13 programme and possible course endorsement									
		TOTAL CREDITS					24		
CONTACT PERSON: MRS D CAVE-HIGGINS									

VISUAL ARTS CONTd.....

VISUAL ART - DESIGN		LEVEL 3	CODE: DES300					
ENTRY REQUIREMENTS: 10 Credits in Year 12 Design or by approval from the Head of Arts.				Level	Int/Ext	Credits	Lit	Num
		Standard	Title					
COURSE DESCRIPTION: This is a course designed for students interested in refining Design skills.		91440	Analyse methods and ideas from established design practice.	3	I	4	L1 R	
Digital Drawing (various media and techniques) Freehand Drawing Skills Photoshop Applications Graphic design processes Research & Design Principles 2 panel Folio		91445	Use drawing to demonstrate understanding of conventions appropriate to design.	3	I	4		
		91450	Systematically clarify ideas using drawing informed by established design practice	3	I	6		
QUALIFICATION to be gained: Subject Endorsement available in this course. This is an approved course towards University Entrance		91455	Produce a systematic body of work that integrates conventions and regenerates ideas within design practice.	3	E	12		
			TOTAL CREDITS			26		
CONTACT PERSON: MRS D CAVE-HIGGINS								

VISUAL ART - PHOTOGRAPHY		LEVEL 3	CODE:PHT300					
ENTRY REQUIREMENTS: Open entry, but 12 credits in a Year 12 Visual Art course or DTY or Media are preferred		Standard	Title	Level	Int/Ext	Credits	Lit	Num
COURSE DESCRIPTION: This is a course designed for students interested in extending their Painting skills. Advanced Painting skills (Acrylic and Oil) Observational and Freehand drawing skills refined Application of mixed media and other techniques Expansion of cognitive and conceptual processes Opportunity for Scholarship 3 panel Folio - planning and production				91442	Analyse methods and ideas from established photography practice	3	I	4
QUALIFICATION to be gained: Subject Endorsement available in this course. This is an approved course towards University Entrance		91447	Use drawing to demonstrate understanding of conventions appropriate to photography	3	I	4		
		91452	Systematically clarify ideas using drawing informed by established photography practice	3	I	4		
		91457	Produce a systematic body of work that integrates conventions and regenerates ideas within photography	3	E	14		
		TOTAL CREDITS			26			
CONTACT PERSON: MRS D CAVE-HIGGINS								

VISUAL ART - PAINTING		LEVEL 3		CODE: (PTG200)					
ENTRY REQUIREMENTS: 10 credits in Year 12 PTG or by approval of the Head of Arts Faculty				Level	Int/Ext	Credits	Lit	Num	
COURSE DESCRIPTION: This is a course designed for students interested in developing their Painting and general Art skills. Extension of Painting skills (Acrylic and Oil) Observational and Freehand drawing skills extended Use of mixed media and new techniques Development of research and thinking skills Own ideas explored and expanded 2 panel Folio planning and production QUALIFICATION to be gained: Subject Endorsement available in this course. This is an approved course towards University Entrance		Standard	Title						
		91306	Demonstrate an understanding of methods and ideas from established practice appropriate to painting	2	I	4	L1		
		91311	Use drawing methods to apply knowledge of conventions appropriate to painting	2	I	4			
		91316	Develop ideas in a related series of drawings appropriate to established painting practice	2	I	4			
		91321	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting	2	E	12			
		TOTAL CREDITS					24		
CONTACT PERSON: MRS D CAVE-HIGGINS									



A black and white photograph of a large group of young people, likely a theatrical troupe, posing dramatically. They are dressed in various costumes, including period dresses, a dark hooded robe, and a military-style uniform. Some individuals are holding props like axes and a hammer. The background is dark with some foliage visible. The group is arranged in several rows, with some people in the front row appearing to be in motion or falling.

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graph LR
    A[DRA100  
Year 11 Drama  
Studies] --> B[DRA200  
Year 12 Drama  
Studies]
    B --> C[DRA300  
Year 13 Drama  
Studies]
  
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By undertaking a course in Drama students learn to be innovative, critical thinkers and to reflect on their own 'worldview' and perspectives through Process Drama. Students are encouraged to follow on with Drama as a viable NCEA option at Levels 1, 2 and 3.

DRAMA		LEVEL 1		CODE: DRA100						
ENTRY REQUIREMENTS: Open entry		Standard	Title	Level	Int/ Ext	Credits	Lit	Num		
COURSE DESCRIPTION: This is a general course for students interested in a career in the various entertainment fields. Drama techniques. Devise and perform a drama. Use features of a drama/theatre form in a performance. Perform an acting role in a scripted production. Live performance QUALIFICATION to be gained: Entry into year 12 programme and possible course endorsement		90006	Apply drama techniques in a dramatic context	1	I	4	L1			
		90009	Perform an acting role in a scripted production	1	I	5	L1			
		90011	Demonstrate understanding of the use of drama aspects within live performance	1	E	4	L1			
		90997	Devise and perform a drama	1	I	5				
		90999	Use features of a drama/theatre form in a performance	1	I	4				
			TOTAL CREDITS				22			
CONTACT PERSON: MR C VALLI										

DRAMA CONTd.....

DRAMA		LEVEL 2		CODE: DRA200				
ENTRY REQUIREMENTS: 8 credits in DRA100 or Level 1 English by end Term 2		Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: This is a general course for students interested in a career in the various entertainment fields or tertiary study. Devise and perform a drama to realise an intention. Perform features of a complex drama Perform a substantial acting role. Discuss drama elements, techniques, conventions and technologies within live performance.		91213	Apply drama techniques in a scripted context	2	I	4	L1 R	
		91214	Devise and perform a drama to realise an intention	2	I	5	L1	
		91216	Use complex performance skills associated with a drama or theatre form or period	2	I	4	L1 R	
		91218	Perform a substantial acting role in a scripted production	2	I	5	L1 R	
		91219	Discuss drama elements, techniques, conventions and technologies within live performance	2	E	4	L1 W	
QUALIFICATION to be gained: Entry into year 12 programme and possible course endorsement			TOTAL CREDITS			22		
CONTACT PERSON: MR C VALLI								

DRAMA		LEVEL 3	CODE: DRA300					
ENTRY REQUIREMENTS: 8 credits in DRA100 or Level 1 English by end Term 2		Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: This is a general course for students interested in a career in the various entertainment fields or tertiary study.		90607	Integrate drama techniques to communicate meaning in the performance of improvised drama	3	I	2	L1	
		90608	Integrate drama techniques to communicate meaning in individual performance of scripted drama	3	I	5	L1	
		90609	Devise, script and perform drama for solo or paired performance	3	I	5	L1	
		90610	Demonstrate knowledge of theatre form or period by analysing and interpreting two scripted texts	3	E	4	L1	
		90611	Research, prepare and perform a performance or technical/production role in a significant production	3	E	4	L1	
QUALIFICATION to be gained: Subject Endorsement available in this course. This is an approved course towards University Entrance			TOTAL CREDITS			20		
CONTACT PERSON: MR C VALLI								




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graph LR
    A["MUS100  
Level 1 NCEA Music"] --- B["MUS200  
Level 2 NCEA Music"]
    B --- C["MUS300  
Level 3 NCEA Music"]
  
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This requires their commitment and self-discipline for them to carry out and follow through the practise plan.

Students being able to construct and develop compositions using a range of music crafting skills;

Students develop more advanced music literacies; Students being able to plan a public performance either individually or as a group, successfully sharing their music with their audiences; Students being able to arrange musical pieces for small music ensembles or concert band.

Students playing a lead role in enriching the musical scene in college and community. Students to follow their passion and curiosity in music and to share this with their audiences.

MUSIC		LEVEL 1	CODE: MUS100						
ENTRY REQUIREMENTS: Students must have completed the equivalent of two years instrumental tuition with a qualified music tutor			Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: This is a general course for students interested in a career in the various music industries or entertainment fields.									
91090 Perform two pieces of music as a featured soloist 1 I 6									
91091 Demonstrate ensemble skills through performing a piece of music as a member of a group 1 I 4									
91092 Compose two original pieces of music 1 I 6									
91093 Demonstrate aural and theoretical skills through transcription 1 E 4									
91094 Demonstrate knowledge of conventions used in music scores 1 E 4 L1									
QUALIFICATION to be gained: Entry into year 12 programme and possible course endorsement			TOTAL CREDITS			24			
CONTACT PERSON: MRS B SONG									

MUSIC		LEVEL 2	CODE: MUS200					
ENTRY REQUIREMENTS: 8 credits in MUS100 by end Term 2								
		Standard	Title	Level	Int/Ext	Credits	Lit	Num
COURSE DESCRIPTION: This is a general course for students interested in a career in the various music industries or entertainment fields. Solo performance Group performances Composition Notation dictations Transpositions and modulations		91270	Perform two pieces of music as a featured soloist	2	I	6		
		91271	Demonstrate ensemble skills through performing a piece of music as a member of a group	2	I	6		
		91272	Compose two original pieces of music	2	I	4		
		91275	Demonstrate aural and theoretical skills through transcription	2	E	4		
		91276	Demonstrate knowledge of conventions used in music scores	2	E	4	L1	
		91274	Perform a substantial piece of music as a featured soloist on a second instrument	2	I	4		
				TOTAL CREDITS				27
QUALIFICATION to be gained: Entry into year 13 programme and possible course endorsement								
CONTACT PERSON: MRS B SONG								

MUSIC		LEVEL 3	CODE: MUS300					
ENTRY REQUIREMENTS: 8 credits in MUS200 by end Term 2				Level	Int/Ext	Credits	Lit	Num
		Standard	Title					
COURSE DESCRIPTION: This is a general course for students interested in a career in the various music industries or entertainment fields. Solo performance Group performances Composition Notation dictations Roman Numeral, four part harmony writing QUALIFICATION to be gained: Subject Endorsement available in this course. This is an approved course towards University Entrance		91416	Perform two pieces of music as a featured soloist	3	I	8		
		91418	Demonstrate ensemble skills through performing a piece of music as a member of a group	3	I	4		
		91419	Compose two original pieces of music	3	I	8		
		91420	Demonstrate aural and theoretical skills through transcription	3	E	4		
		91421	Demonstrate knowledge of conventions used in music scores	3	E	4		
		91417	Perform a programme of music as a featured soloist on a second instrument	3	I	4		
			TOTAL CREDITS					32
CONTACT PERSON: MRS B SONG								

PERFORMANCE DANCE

Kanikani Whakaari



Performance Dance is a subject in which dance and the arts are pivotal in providing a space where our students can confidently navigate their cultural identity.

The intended outcomes of the subject are:

The students will achieve NZQA qualifications in dance. They will experience success through their culture and heritage. Students will be confident in pursuing pathways in their culture, arts, and heritage and can confidently lead in all areas of their learning journey. It will be underpinned by the New Zealand Curriculum, focusing on critical thinking skills, a culture of ako, managing self, participating, and contributing to the group, and expressing themselves through language and dance.

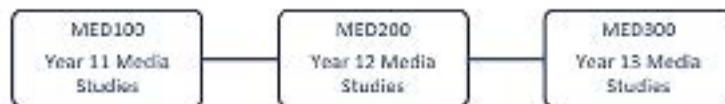
DANCE		LEVEL 1	CODE: PDA100						
ENTRY REQUIREMENTS: Open Entry			Level	Int/Ext	Credits	Lit	Num		
	Standard	Title							
	90859	Demonstrate ensemble skills in dance	1	I	4				
	90002	Perform Dance sequences	1	I	6				
COURSE DESCRIPTION: This is a general course for students interested in undertaking and participating in a cultural performance. Group performances		TOTAL CREDITS				10			
QUALIFICATION to be gained: Entry into year 12 programme and possible course endorsement									
CONTACT PERSON: MRS R CLIMO									

DANCE	LEVEL 2	CODE: PDA200						
ENTRY REQUIREMENTS: Completion and success with at least 10 credits at level 1 PDA. COURSE DESCRIPTION: This is a general course for students interested in undertaking and participating in a cultural performance. Group performances QUALIFICATION to be gained: Entry into year 13 programme and possible course endorsement			Level	Int/ Ext	Credits	Lit	Num	
	Standard	Title						
	91207	Perform an ethnic or social dance to communicate understanding of the style	2	I	4			
	91209	Perform a repertoire of dance	2	I	6			
		TOTAL CREDITS				10		
CONTACT PERSON: MRS R CLIMO								

DANCE	LEVEL 3	CODE: PDA300						
ENTRY REQUIREMENTS: Completion and success with at least 10 credits at level 1 PDA.								
	Standard	Title	Level	Int/Ext	Credits	Lit	Num	
	91590	Perform a solo or duet dance	3	I	4			
	91591	Perform a group dance	3	I	4			
COURSE DESCRIPTION: This is a general course for students interested in ndertaking and participating in a cultural performance. Group performances	91592	Perform a repertoire of contrasting dances	3	E	6			
	TOTAL CREDITS					14		
QUALIFICATION to be gained: Subject Endorsement available in this course. This is an approved course towards University Entrance								
CONTACT PERSON: MRS R CLIMO								

MEDIA STUDIES

Mahi Pāpāho



Media Studies is about the active exploration, analysis, creation, and enjoyment of the media and its products. Students will do this through showing:

- Developed understanding of media texts as crafted texts that communicate certain ideas/values. Deep understanding of target audiences and how to craft a text/ how texts are crafted to appeal to certain demographics.
- Developed skills in filming and sound production.
- Developed skills in editing film.
- Developed ability to analyse texts and identify the implications of specific texts on various audiences and society as a whole.
- Developed skills in self-management, time-management and critical thinking

MEDIA	LEVEL 1	CODE: MED100					
ENTRY REQUIREMENTS: Open			Level	Int/ Ext	Credits	Lit	Num
	Standard	Title					
COURSE DESCRIPTION: This is a general course for students interested in film production, film study and analysis of the media. How people use the media in our society Film construction Planning and making a film Genre study QUALIFICATION to be gained: Entry into year 12 programme and possible course endorsement	90989	Demonstrate understanding of how individuals interact with the media	1	I	3	L1	Y
	90990	Demonstrate understanding of selected elements of media text(s)	1	I	3	L1	
	90992	Demonstrate understanding of characteristics of a media genre	1	E	4	L1	
	90993	Produce a design and plan for a media product using a specified range of conventions	1	I	3		
	90994	Complete a media product from a design and plan using a specified range of conventions	1	I	6		
					TOTAL CREDITS	19	
CONTACT PERSON: MS C STOVE							

MEDIA	LEVEL 2	CODE: MED200					
ENTRY REQUIREMENTS: 8 credits in DTY100 or MED100 by end Term 2 or by approval of Head of Faculty			Level	Int/ Ext	Credits	Lit	Num
	Standard	Title					
COURSE DESCRIPTION: This is a general course for students interested in film production, film study and analysis of the media. Representation and stereotypes in media Script writing Planning & creating a film Film genre QUALIFICATION to be gained: Entry into year 3 programme and possible course endorsement	91250	Understanding of representation in the media	2	I	3	L1	
	91251	Understanding of an aspect of a media genre	2	E	4	L1 R/W	
	91252	Produce a design and plan for a developed media product using a range of conventions	2	I	4	L1	
	91253	Complete a developed media product from a design and plan using a range of conventions	2	I	6	L1	
	91255	Write developed media text for a specific target audience	2	I	3	L1 W	
					TOTAL CREDITS	20	
CONTACT PERSON: MS C STOVE							

MEDIA	LEVEL 3	CODE: MED300					
ENTRY REQUIREMENTS: 8 credits in DTY100 or MED200 by end Term 2 or by approval of Head of Faculty			Level	Int/ Ext	Credits	Lit	Num
	Standard	Title					
COURSE DESCRIPTION: This is a general course for students interested in film production, film study and analysis of the media. Planning and creating a film Film analysis Media representation Media and society Genre analysis QUALIFICATION to be gained: Entry into University and possible course endorsement	91491	Demonstrate understanding of the meaning of a media text through different readings	3	I	3	L1 R/W	
	91493	Demonstrate understanding of a relationship between a media genre and society	3	E	4	L1	
	91494	Produce a design for a media product that meets the requirements of a brief	3	I	4	L1	
	91495	Produce a media product to meet the requirements of a brief	3	I	6	L1	
	91497	Write a media text to meet the requirements of a brief	3	I	3	L1 W	
					TOTAL CREDITS	20	
CONTACT PERSON: MS C STOVE							

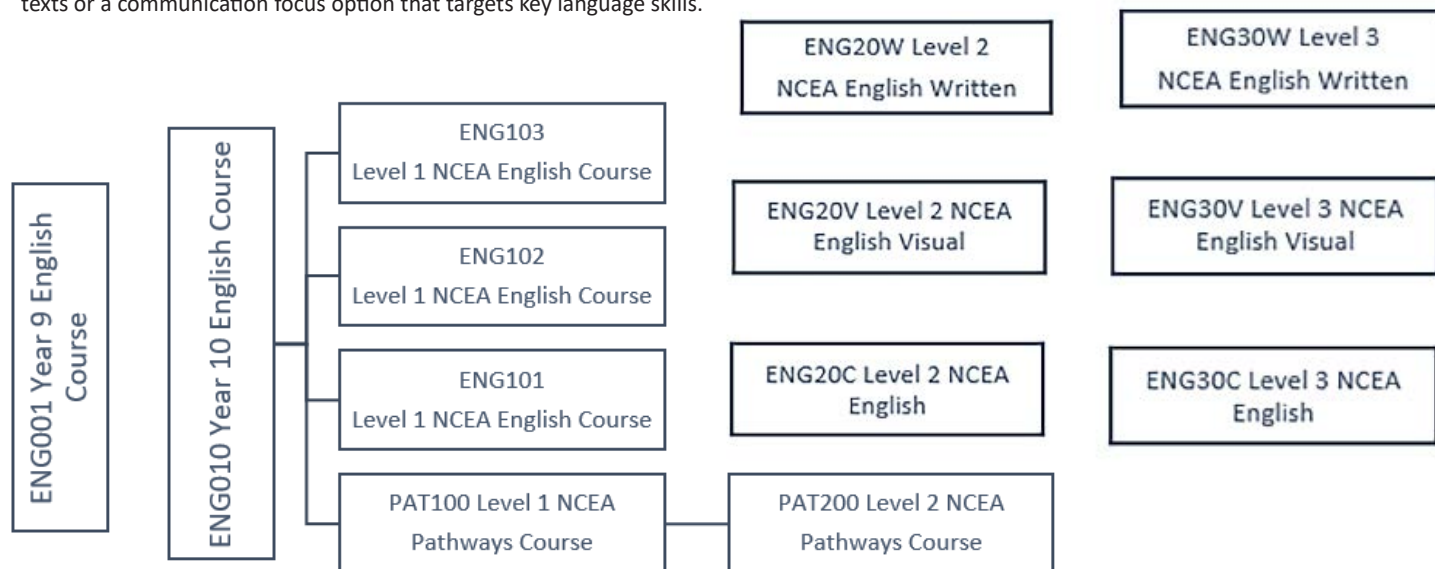


English as a subject area focuses on the two key strands – societal changes and 21st Century learning foci. making meaning and creating meaning. We focus on communication through a range of texts and mediums to reflect societal changes and 21st Century learning foci.

English encompasses learning the language, using the language and thinking beyond the language through authentic learning contexts. Specifically, this involves learners being willing to have their ideas challenged, to developing their own ideas and opinions through critical literacy and working on the skills required to be confident using their own personal voice.

We work both collaboratively and individually and focus overtly on the skills required to do this effectively. Underpinning the entire three-year course, are the further development of core language skills. A graduate from the three-year English programme will be well placed to enjoy success in both the workplace and/or further study.

At level 2 and 3, English is optional and involves a choice between programmes based around written or visual texts or a communication focus option that targets key language skills.



ENGLISH		LEVEL 1	CODE: ENG101						
ENTRY REQUIREMENTS: Open Entry			Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: This course provides students with the basic opportunity to meet NCEA Level 1 literacy requirements , using real world contexts. Writing for basic communication Reading for meaning Personal reading Spoken communication			101	Develop and use keyboarding skills to enter text	1	I	3		
			3483	Fill in a form	1	I	2		
			10790	Converse with others	1	I	2		
			10792	Write formal personal correspondence	1	I	3		
			90854	Form personal responses to independently read texts, supported by evidence	1	I	4	L1	
			90857	Construct and deliver an oral text	1	I	3	L1	
			90856	Show understanding of visual and/or oral text(s) through close viewing and/or listening.	1	I	3	L1	
				TOTAL CREDITS					
CONTACT PERSON: MS J McLEOD									

ENGLISH CONTd.....

ENGLISH		LEVEL 1	CODE: ENG102					
ENTRY REQUIREMENTS: Teacher recommendation based on Year 10 English results		Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION:		90053	Produce formal writing	1	I	3	L1	
This course provides students with the opportunity to meet NCEA Level 1 literacy requirements via Achievement Standards. Writing to create meaning Reading for meaning Personal reading Spoken communication External literature exams		90849	Show understanding of specified aspect(s) of studied written text(s), using supporting evidence	1	I	4	L1	
		90850	Show understanding of specified aspect(s) of studied visual or oral text(s), using supporting evidence	1	I	4	L1	
		90854	Form personal responses to independently read texts, supported by evidence	1	I	3	L1	
		90856	Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence	1	I	3	L1	
		90857	Construct and deliver an oral text	1	I	3	L1	
			TOTAL CREDITS					20
CONTACT PERSON: MS J McLEOD								

ENGLISH		LEVEL 1	CODE: ENG103						
ENTRY REQUIREMENTS: Teacher recommendation based on Year 10 English results		Standard	Title	Level	Int/ Ext	Credits	Lit	Num	
COURSE DESCRIPTION: This course provides students aspiring to NCEA subject or certificate endorsements with the opportunity to undertake NCEA Level 1 Achievement Standards. Writing to create meaning Reading for meaning Personal reading Spoken communication External literature exams		90052	Produce creative writing	1	I	3	L1		
		90053	Produce formal writing	1	I	3	L1		
		90849	Show understanding of specified aspect(s) of studied written text(s), using supporting evidence	1	E	4	L1		
		90851	Show understanding of specified aspect(s) of unfamiliar written text(s) through close reading, using supporting evidence	1	E	4	L1		
		90854	Form personal responses to independently read texts, supported by evidence	1	I	4	L1		
		90857	Construct and deliver an oral text	1	I	3	L1		
					TOTAL CREDITS			21	
		CONTACT PERSON: MS J McLEOD							

PATHWAYS	LEVEL 1	CODE: PAT100						
ENTRY REQUIREMENTS: Parental application and teacher recommendation based on Year 10 English								
COURSE DESCRIPTION: This course provides students with a supportive contextualised literacy course that places English in authentic contexts for the purpose of achieving NCEA Level 1. Writing to create meaning Reading for meaning Personal reading Spoken communication	Standard	Title	Level	Int/ Ext	Credits	Lit	Num	
	504	Produce a CV (curriculum vitae)	1	I	2	L1		
	526	Describe community services	1	I	2	L1		
	548	Demonstrate knowledge of the impact of alcohol and other drugs	1	I	2	L1		
	3483	Fill in a form	1	I	2	L1		
	3490	Complete an incident report	1	I	2	L1		
	3098	Demonstrate knowledge of the consequences of breaking laws	1	I	2	L1		
	10792	Write formal personal correspondence	1	I	3	L1		
	26622	Write to communication ideas for a purpose and audience	1	I	4	L1		
	26624	Read texts with understanding	1	I	3	L1		
	26625	Actively participate in spoken interactions	1	I	3	L1		
	91011	Conduct geographic research	1	I	2	L1		
		TOTAL CREDITS					27	
CONTACT PERSON: MS J McLEOD								

ENGLISH LEVEL 2 COURSES

ENGLISH		LEVEL 2	CODE: ENG20C					
ENTRY REQUIREMENTS: Teacher recommendation based on NCEA Level 1 English results		Standard	Title	Level	Int/Ext	Credits	Lit	Num
COURSE DESCRIPTION: This course provides students with a contextualized project-based course for the purpose of achieving NCEA Level 2. Writing to create meaning Reading for meaning Personal reading Spoken communication		1294	Be interviewed in a formal interview	2	I	2	L1 R/W	
		3488	Write business correspondence for a workplace	2	I	3	L1 W	
		3492	Write a short report	2	I	3	L1 W	
		9677	Participate in a team or group which has an objective	2	I	3	L1 R	
		10791	Participate in an informal meeting	2	I	3		
			TOTAL CREDITS					14
CONTACT PERSON: MS J McLEOD								



ENGLISH	LEVEL 2	CODE: ENG20V						
ENTRY REQUIREMENTS: 10 Level 1 English credits including AS 90849 or AS 90850	Standard	Title	Level	Int/ Ext	Credits	Lit	Num	
COURSE DESCRIPTION: This course provides students with the opportunity to meet Level 2 University Entrance literacy requirements via Achievement Standards. This course focuses on visual texts. Writing to create meaning Reading for meaning Personal reading External literature exam	91100	Analyse specified aspect(s) of unfamiliar text(s), through close reading supported key evidence	2	E	4	L1 RW		
	91099	Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence	2	E	4	L1 W		
	91101	Produce a selection of crafted and controlled writing	2	I	6	L1 W		
	91106	Form developed personal responses to independently read texts, supported by evidence	2	I	4	L1 R		
	91107	Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence	2	I	3	L1		
		TOTAL CREDITS				21		
CONTACT PERSON: MS J McLEOD								

ENGLISH		LEVEL 2	CODE: ENG20W					
ENTRY REQUIREMENTS: 10 Level 1 English credits including AS 90849 or AS 90850								
		Standard	Title	Level	Int/Ext	Credits	Lit	Num
COURSE DESCRIPTION: This course provides students with the opportunity to undertake NCEA Level 2 University Entrance requirements via Achievement Standards. This course focuses on written texts. Writing to create meaning Reading for meaning Personal reading External literature exam		91098	Analyse specified aspect(s) of written text(s), supported by evidence	2	E	4	L1 RW	
		91100	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence	2	E	4	L1 RW	
		91101	Produce a selection of crafted and controlled writing	2	I	6	L1 W	
		91106	Form developed peronal responses to independently read texts, supported by evidence	2	I	4	L1 R	
		91104	Analyse significant connections across texts supported by evidence	2	I	4	L1	
			TOTAL CREDITS					22
CONTACT PERSON: MS J McLEOD								

PATHWAYS	LEVEL 2	CODE: PAT200						
ENTRY REQUIREMENTS: Pathways 100 or parental application or teacher recommendation based on Year 11 English	Standard	Title	Level	Int/ Ext	Credits	Lit	Num	
COURSE DESCRIPTION: This course provides students with a supportive contextualised literacy course that places English in authentic contexts for the purpose of achieving NCEA Level 2. Writing for basic communication Reading for meaning Personal reading Spoken communication Contextualised literacy	3488	Write business correspondence for a workplace	2	I	2			
	3492	Write a short report	2	I	3			
	30907	Demonstrate knowledge in relation to the NZ Police in the community	2	I	2			
	4261	Identify legal rights and obligations in relation to registering and operating a private motor vehicle	2	I	3			
	12349	Demonstrate knowledge of time management	2	I	3			
	12354	Describe legal implications of living in rented accommodation and means to prevent or resolve related problems	2	I	4			
	12355	Describe stress and ways of dealing with it	2	I	3			
	12359	Describe household conservation strategies	2	I	3			
	25073	Read texts to recognise differing points of view on a topic	2	I	3			
		TOTAL CREDITS				18		
CONTACT PERSON: MS J McLEOD								

ENGLISH LEVEL 3 COURSES

ENGLISH		LEVEL 3		CODE: ENG30V					
ENTRY REQUIREMENTS: At least 10 Level 2 English credits including AS 91098 or AS 91099									
		Standard	Title	Level	Int/Ext	Credits	Lit		Num
COURSE DESCRIPTION: This course provides students with the opportunity to meet NCEA Level 3 List a subject requirements via 14 English Achievement Standard Credits. This course focuses on visual texts. Writing to create meaning Reading for meaning Spoken communication External literature exam Subject Endorsement available in this course. This is an approved course towards University Entrance		91473	Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence	3	E	4	L1 W		
		91475	Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas	3	I	6	L1 W		
		91476	Create and deliver a fluent and coherent oral text which develops, sustains, and structures ideas	3	I	3	L1		
		91478	Respond critically to significant connections	3	I	4	L1		
		91480	Respond critically to significant aspects of visual and/ or oral text(s) through close reading supported by evidence	3	I	3	L1		
			TOTAL CREDITS					20	
CONTACT PERSON: MS J McLEOD									

ENGLISH	LEVEL 3	CODE: ENG30W						
ENTRY REQUIREMENTS: At least 10 Level 2 English credits including AS 91098 or AS 91099	Standard	Title	Level	Int/ Ext	Credits	Lit	Num	
COURSE DESCRIPTION: This course provides students with the opportunity to meet NCEA Level 3 List A subject requirements via 14 English Achievement Standard credits. This course focuses on written texts. Writing to create meaning Reading for meaning Spoken communication External literature exam Subject Endorsement available in this course. This is an approved course towards University Entrance	91472	Respond critically to specified aspect(s) of studied written text(s), supported by evidence	3	E	4	L1 R/W		
	91475	Produce a selection of fluent and coherent writing which develops, sustains and structures ideas	3	I	6	L1 W		
	91476	Create and develop a fluent and coherent oral text which develops, sustains, and structures ideas	3	I	3	L1		
	91478	Respond critically to significant connections across texts, supported by evidence	3	I	4	L1		
	91479	Develop an informed understanding of literature and/or language using critical texts	3	I	4	L1 W		
		TOTAL CREDITS				21		
CONTACT PERSON: MS J McLEOD								

ENGLISH CONTd.....

ENGLISH		LEVEL 3		CODE: ENG30C						
ENTRY REQUIREMENTS: 10 credits in Level 1 English and enrolled in a Level 2 English or Pathways class in the previous year.		Standard	Title	Level	Int/Ext	Credits	Lit	Num		
COURSE DESCRIPTION: This course is split into 2 semesters. The first semester course provides students with the opportunity to gain 14 NCEA Level 2 English credits. These include 8 reading and 6 writing credits for University Entrance literacy. The second semester course provides students with the opportunity to gain 11 NCEA Level 3 credits through unit standards at Level 8 of the curriculum. Writing to create meaning Personal reading Reading for meaning Spoken communication										
		91101	Produce a selection of crafted and controlled writing	2	I	6	L1 W			
		91105	Use information literacy skills to form developed conclusion(s)	2	I	4	L1 R			
		91106	Form developed personal responses to independently read texts, supported by evidence	2	I	4	L1 R			
		1296	Interview in informal situations	3	I	3				
		3491	Write a report	3		4				
		2990	Read texts to research information	3	I	4				
			TOTAL CREDITS				25			
CONTACT PERSON: MS J McLEOD										

ESOL	CODE: ESL901,902 & 903
COURSE DESCRIPTION: The ESOL programme provides English language learning through three classes taught at different levels. ESOL classes focus on the four language learning areas of Speaking, Reading, Writing and Listening. Students learn the grammar of the English language and develop their language skills in authentic learning contexts. All three classes provide opportunities to gain credits through assessments at NCEA levels 1 (901), 2 (902) and 3 (903). Additional ESOL learning is available in the ELRC tutor groups, where students with high ESOL needs can receive extra English language support. Assessments are run on a two-year cycle, so students can remain in the same ESOL level for two years if required.	
CONTACT PERSON: MRS R QUIGLEY	



Te Ao Maori Māori Language



Te Reo Māori and Te Waharoa courses are designed to support and guide students to Te Ao mārama – the world of understanding. Students will build on the basic vocabulary and sentence structures attained in the junior courses in order to express themselves in Te Reo Māori.

Learners are able to engage with the local environment and histories in order to foster their sense of belonging and take pride in their identity.

TE REO		LEVEL 1		CODE: REO100						
ENTRY REQUIREMENTS: Open entry				Level	Int/ Ext	Credits	Lit	Num		
		Standard	Title							
COURSE DESCRIPTION: This course is based on Level 6 of Te Aho Arataki Marau mo te Ako I Te Reo Māori. Whakarongo Kōrero Tuhituhi Pānui		91085	Whakarongo kia mōhio ki te reo o tōna ao	1	I	6	L1			
		91087	Pānui kia mōhio ki te reo o tōna ao	1	E	6	L1			
		91089	Waihanga tuhinga i te reo o tōna ao	1	I	6	L1			
		91086	kōrero kia whakamahi i te reo o tōna ao	1	I	6	L1			
		91088	Tuhi i te reo o tōna ao	1	E	6	L1			
QUALIFICATION to be gained: Subject Endorsement available in this course.			TOTAL CREDITS				30			
CONTACT PERSON: MR B CHRISTIAN										

TE REO		LEVEL 2		CODE: REO200						
ENTRY REQUIREMENTS: 12 credits in Level 1 Maori		Standard	Title	Level	Int/Ext	Credits	Lit	Num		
COURSE DESCRIPTION: This course is based on Level 7 of Te Aho Arataki Marau mo te Ako I Te Reo Māori.		91284	Whakarongo kia mōhio ki te reo o te ao torotoro	2	I	4	L1			
Whakarongo Kōrero Tuhituhi Pānui		91286	Pānui kia mōhio ki te reo o te ao torotoro	2	E	6	L1 R			
		91288	Waihanga tuhinga auaha, i te reo o te ao torotoro	2	I	6	L1 W			
		91285	kōrero kia whakamahi i te reo o te ao torotoro	2	I	6	L1			
		91287	Tuhi i te reo o te ao torotoro	2	E	6	L1			
QUALIFICATION to be gained: Subject Endorsement available in this course			TOTAL CREDITS				28			
CONTACT PERSON: MR B CHRISTIAN										

TE REO		LEVEL 3		CODE: REO300						
ENTRY REQUIREMENTS: 12 credits in Level 2 Māori										
		Standard	Title	Level	Int/ Ext	Credits	Lit	Num		
COURSE DESCRIPTION: This course is based on Level 8 of Te Aho Arataki Marau mo te Ako I Te Reo Māori. Whakarongo kōrero Tuhituhi Pānui QUALIFICATION to be gained: Subject Endorsement available in this course Approved University Entrance Subject		91650	Whakarongo kia mōhio ki te reo Māori o te ao whānui	3	I	4	L1			
		91652	Pānui kia mōhio ki te reo Māori o te ao whānui	3	E	6	L1 R			
		91654	Waihanga tuhinga whai take i te reo Māori o te ao whānui	3	I	6	L1 W			
		91651	kōrero kia whakamahi i te reo Māori o te ao whānui	3	I	6	L1			
		91653	Tuhi i te reo Māori o te ao whānui	3	E	6	L1 W			

LANGUAGES CONT'd.....

Te WAHAROA		LEVEL 1		CODE: WAH100					
ENTRY REQUIREMENTS: Open Entry				Level	Int/ Ext	Credits	Lit	Num	
		Standard	Title						
COURSE DESCRIPTION: This course provides a Matauranga Māori focus for learners. It is ideal for students who have an interest in Kapa Haka and Māori culture. Kapa Haka Maori Performing Arts Te Reo Māori Māori and the environment Māori history and tribal traditions Carving and weaving		16161	Describe the migration from Hawaiki and initial settlement of Aotearoa in accordance with tikanga	1	I	3			
		22752	Demonstrate knowledge and skills of performance components	1	I	3			
		22754	Demonstrate knowledge of the origins of Māori performing arts disciplines and events	1	I	4			
		23005	Demonstrate knowledge of carving	1	I	5			
		27108	Describe the protocols and roles associated with pōwhiri in accordance with tikanga and/or kawa	1	I	2			
		17384	List and use a range of te reo Māori greetings and farewells in tourism	1	I	3			
		20948	Demonstrate knowledge of tūwae wae	1	I	8			
		20949	Demonstrate knowledge of, and perform, toroparawae	1	I	8			
		22753	Demonstrate knowledge of people associated with Māori performing arts	1	I	3			
		QUALIFICATION to be gained: Credits towards NCEA level 1 and Entry into Level 2 Course			TOTAL CREDITS			39	
CONTACT PERSON: MR B CHRISTIAN									



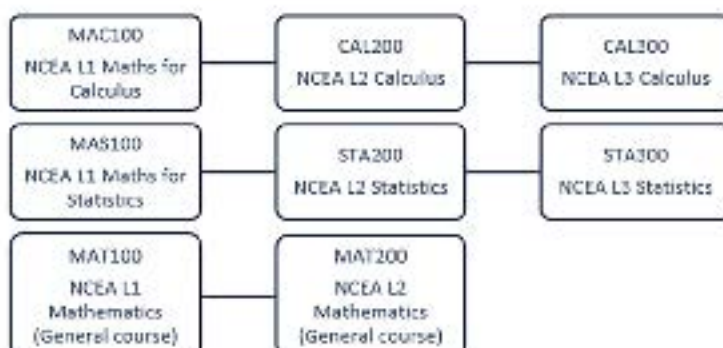
Te WAHAROA		LEVEL 2		CODE: WAH200					
ENTRY REQUIREMENTS: 10 credits in Level 1 Te Waharoa				Level	Int/ Ext	Credits	Lit	Num	
		Standard	Title						
COURSE DESCRIPTION: This course provides a Matauranga Māori focus for learners. It is ideal for students who have an interest in Kapa Haka and Māori culture. Kapa Haka Māori Performing Arts Te Reo Māori Māori and the environment Māori history and tribal traditions Carving and weaving		13371	Demonstrate knowledge and skills of haka	2	I	6			
		17384	List and use a range of te reo Māori greetings and farewells in tourism	3	I	3			
		20949	Demonstrate knowledge of, and perform, toroparawae	2	I	8			
		23009	Identify and apply Māori art conventions, design elements and principles to explore whakairo	2	I	5			
		20948	Demonstrate knowledge of tūwaeuae	1	I	8			
		27550	Demonstrate knowledge of ngā momo rākau whawhai	2	I	6			
		QUALIFICATION to be gained: Credits towards NCEA level 1 and Entry into Level 2 Course			TOTAL CREDITS			36	
CONTACT PERSON: MR B CHRISTIAN									

Te WAHAROA		LEVEL 3		CODE: WAH300					
ENTRY REQUIREMENTS: 10 credits in Level 2 Te Waharoa		Standard	Title	Level	Int/ Ext	Credits	Lit	Num	
COURSE DESCRIPTION: This course provides a Matauranga Māori focus for learners. It is ideal for students who have an interest in Kapa Haka and Māori culture. Kapa Haka Māori Performing Arts Te Reo Māori Māori and the environment Māori history and tribal traditions Carving and weaving		17784	Examine and recite appropriate karakia in tourism Māori	3	I	5			
		17788	Identify, and explain the history of, natural attractions and significant sites in tourism Māori	3	I	5			
		17784	Compare modern and traditional Māori diet and nutrition	3	I	4			
		20949	Demonstrate knowledge of, and perform, toroparawae	2	I	8			
		22756	Perform a Māori performing arts bracket	3	I	10			
		20948	Demonstrate knowledge of tūwae wae	1	I	8			
		20949	Demonstrate knowledge of, and perform, toroparawae	2	I	8			
QUALIFICATION to be gained: NCEA credits towards NCEA Level 3		TOTAL CREDITS				48			
CONTACT PERSON: MR B CHRISTIAN									

Through Learning Mathematics and statistics, students will be equipped with the creative, critical, strategic and logical thinking skills that are necessary to successfully follow their future pathways. They will structure and organize both flexibly and accurately to process and communicate information. They will create models and predict outcomes by being able to conjecture, justify, verify, find patterns, generalize, estimate, calculate with precision and will understand when to use precise or uncertain results.

Learning skills within this Faculty combine holistic key competencies for success. A graduate who follows a Mathematics and/or Statistics pathway at MBC will be able to model the following key skills:

- * Plan, manage and execute an extended piece of work over time.
- * Demonstrate resilience when problem solving.
- * Communicate coherently in written and verbal form.
- * Demonstrate an attitude which is consistent with commitment and success.
- * Has a collaborative approach to problem solving.
- * Able to ask for, and find sources of help.
- * Demonstrate the necessary motivation to succeed, by putting in extra work outside of class and at home.
- * Demonstrate a healthy balance between schoolwork, friends and family, sport and other pursuits.
- * Identify strengths and weaknesses – use strengths to advantage and work on weaknesses.
- * Use multi-platforms and applications for learning.



MATHEMATICS & STATISTICS LEVEL 1 COURSES



MATHEMATICS		LEVEL 1		CODE: MAT100					
ENTRY REQUIREMENTS: Open Entry to students who have satisfactorily completed junior mathematics (Proficient at level 5 of the curriculum)									
		Standard	Title	Level	Int/Ext	Credits	Lit	Num	
COURSE DESCRIPTION: This course is a general mathematics course that prepares students for MAT200 and is also a pathway to achieve Numeracy at Level 1. Numerical Methods Linear Algebra Bivariate Data Geometry Measurement		91026	Apply numeric reasoning in solving problems	1	I	4		Y	
		91029	Apply linear algebra in solving problems	1	I	3		Y	
		91036	Investigate bivariate numerical data using the statistical enquiry cycle	1	I	3	L1	Y	
		91032	Apply right-angled triangles in solving measurement problems	1	I	3		Y	
		91033	Apply knowledge of geometric representations in solving problems	1	I	3		Y	
		91030	Apply measurement in solving problems	1	I	3		Y	
		91034	Apply transformation geometry in solving problems	1	I	2		Y	
		QUALIFICATION to be gained: Entry into year 12 course			TOTAL CREDITS			21	
CONTACT PERSON: MR R THORNLEY									

MATHEMATICS for CALCULUS		LEVEL 1		CODE: MAC100				
ENTRY REQUIREMENTS: Open Entry to students who have satisfactorily completed junior mathematics (Proficient at level 5 of the curriculum)								
		Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: This course is an algebra based mathematics course that prepares students for CAL200 and is also a pathway to achieve Numeracy at Level 1. Numerical Methods Algebraic Methods Graphical Methods Geometric Reasoning		91026	Apply numeric reasoning in solving problems	1	I	4		Y
		91029	Apply linear algebra in solving problems	1	I	3		Y
		91027	Apply algebraic procedures in solving problems	1	E	4		Y
		91028	Investigate relationships between tables, equations and graphs	1	E	4		Y
		91031	Apply geometric reasoning in solving problems	1	E	4		Y
			TOTAL CREDITS					19
QUALIFICATION to be gained: Subject Endorsement available in this course								
CONTACT: MR J HESELTON								

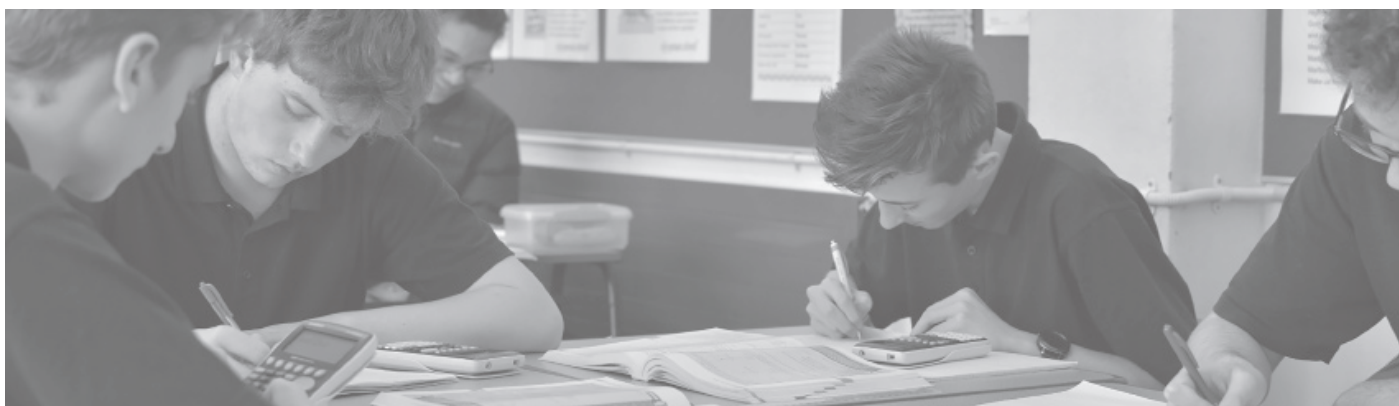
MATHEMATICS for STATISTICS		LEVEL 1		CODE: MAS100				
ENTRY REQUIREMENTS: Open Entry to students who have satisfactorily completed junior mathematics (Proficient at level 5 of the curriculum)		Standard	Title	Level	Int/Ext	Credits	Lit	Num
COURSE DESCRIPTION: This is a statistics based course that repares students for STA200 and is also a pathway to achieve Numeracy at Level 1 Numerical Methods Linear Algebra Statistics Probability		91026	Apply numeric reasoning in solving problems	1	I	4		Y
		91029	Apply linear algebra in solving problems	1	I	3		Y
		91036	Investigate bivariate numerical data using the statistical enquiry cycle	1	I	3	L1	Y
		91035	Investigate a given multivariate data set using the statistical enquiry cycle	1	I	4	L1	Y
		91037	Demonstrate understanding of chance and data	1	E	4		Y
		91038	Investigate a situation involving elements of chance	1	I	3	L1	Y
		QUALIFICATION to be gained: Subject Endorsement available in this course.			TOTAL CREDITS			21
CONTACT: MRS C WARD								

MATHEMATICS & STATISTICS LEVEL 2 COURSES

CALCULUS		LEVEL 2		CODE: CAL200						
ENTRY REQUIREMENTS: 14 credits from MAC100										
		Standard	Title	Level	Int/ Ext	Credits	Lit	Num		
COURSE DESCRIPTION: This is a algebra based mathematics course that prepares students for CAL300. Algebraic Methods Trigonometric Relationships Graphical Methods Calculus Methods Systems of Equations		91257	Apply graphical methods in solving problems	2	I	4		Y		
		91259	Apply trigonometric relationships in solving problems	2	I	3		Y		
		91261	Apply algebraic methods in solving problems	2	E	4		Y		
		91262	Apply calculus methods in solving problems	2	E	5		Y		
		91269	Apply systems of equations in solving problems	2	I	2		Y		
		QUALIFICATION to be gained: Subject Endorsement available in this course			TOTAL CREDITS			18		
CONTACT: MR P KOTZE										

STATISTICS		LEVEL 2		CODE: STA200						
ENTRY REQUIREMENTS: 14 credits from MAS100										
		Standard	Title	Level	Int/Ext	Credits	Lit	Num		
COURSE DESCRIPTION: This is a statistically based mathematics course that prepares students for STA300. Networks Design a Questionnaire Simulation to model real life situation Statistical Methods - Inference Statistical Methods - Experiment Probability Methods		91260	Apply network methods in solving problems	2	I	2		Y		
		91263	Design a questionnaire	2	I	3	L1	Y		
		91265	Conduct an experiment to investigate a situation using statistical methods	2	I	3	L1	Y		
		91267	Apply probability methods in solving problems	2	E	4	L1	Y		
		91268	Investigate a situation involving elements of chance using a simulation	2	I	2	L1	Y		
		91582	Use statistical methods to make a formal inference	3	I	4	L1	Y		
QUALIFICATION to be gained: Subject Endorsement available			TOTAL CREDITS				18			
CONTACT: MRS C WARD										

MATHEMATICS		LEVEL 2		CODE: MAT200						
ENTRY REQUIREMENTS: Teacher recommendation and Head of Faculty approval. * There is no direct pathway to Level 3 courses.		Standard	Title	Level	Int/ Ext	Credits	Lit	Num		
COURSE DESCRIPTION: This is a general mathematics course covering a variety of topics particularly suited to students who have no strong preference for algebra or statistics.										
Co-ordinate Geometry				91256	Apply co-ordinate geometry methods in solving problems	2	I	2		Y
Sequences and Series				91258	Apply sequences and series in solving problems	2	I	2		Y
Trigonometry				91259	Apply trigonometric relationships in solving problems	2	E	3		Y
Networks				91260	Apply network methods in solving problems	2	E	2		Y
Statistical Methods – Experiment				91265	Conduct an experiment to investigate a situation using statistical methods	2	I	3	L1	Y
Simulation				91268	Investigate a situation involving elements of chance using a simulation	2	I	2	L1	Y
		TOTAL CREDITS					14			
CONTACT: MR R THORNLEY										



MATHEMATICS & STATISTICS LEVEL 3 COURSES

CALCULUS	LEVEL 3	CODE: CAL300					
ENTRY REQUIREMENTS: From CAL200: AS91257, AS91261, AS91262 (M or E level) COURSE DESCRIPTION: This is a pure mathematics course that is recommended for many courses of study at tertiary level, including Engineering, Computer Programming, Finance and Architecture. Trigonometry Complex Numbers Differentiation Integration QUALIFICATION to be gained: Subject Endorsement available in this course and it is an Approved University Entrance Subject.	Standard	Title	Level	Int/Ext	Credits	Lit	Num
	91575	Apply trigonometric methods in solving problems	3	I	4		Y
	91577	Apply the algebra of complex numbers in solving problems	3	E	5		Y
	91578	Apply differentiation methods in solving problems	3	E	6		Y
	91579	Apply integration methods in solving problems	3	E	6		Y
TOTAL CREDITS						21	
CONTACT PERSON: MR J HESELTON							

STATISTICS	LEVEL 3	CODE: STA300					
ENTRY REQUIREMENTS: From STA200: AS91267 and 10 other credits from the STA200 course COURSE DESCRIPTION: This is a statistics course that is recommended for many courses of study at tertiary level, including Business, Science and Health Sciences (Medicine). Investigate Time Series Data Investigate Bivariate Measurement Data Experimental Design Probability Concepts Probability Distributions QUALIFICATION to be gained: Subject Endorsement available in this course and it is an Approved University Entrance Subject.	Standard	Title	Level	Int/Ext	Credits	Lit	Num
	91580	Investigate time series data	3	I	4	L1	Y
	91581	Investigate bivariate measurement data	3	I	4	L1	Y
	91583	Conduct an experiment to investigate a situation using experimental design principles	3	I	4	L1	Y
	91585	Apply probability concepts in solving problems	3	E	4		Y
TOTAL CREDITS						20	
CONTACT: MR J BOWATER							



Through learning in Health and Physical Education, students will develop the knowledge, skills, attitudes and motivation to make informed decisions and to act in ways that contribute to their personal well-being and the well-being of other people.

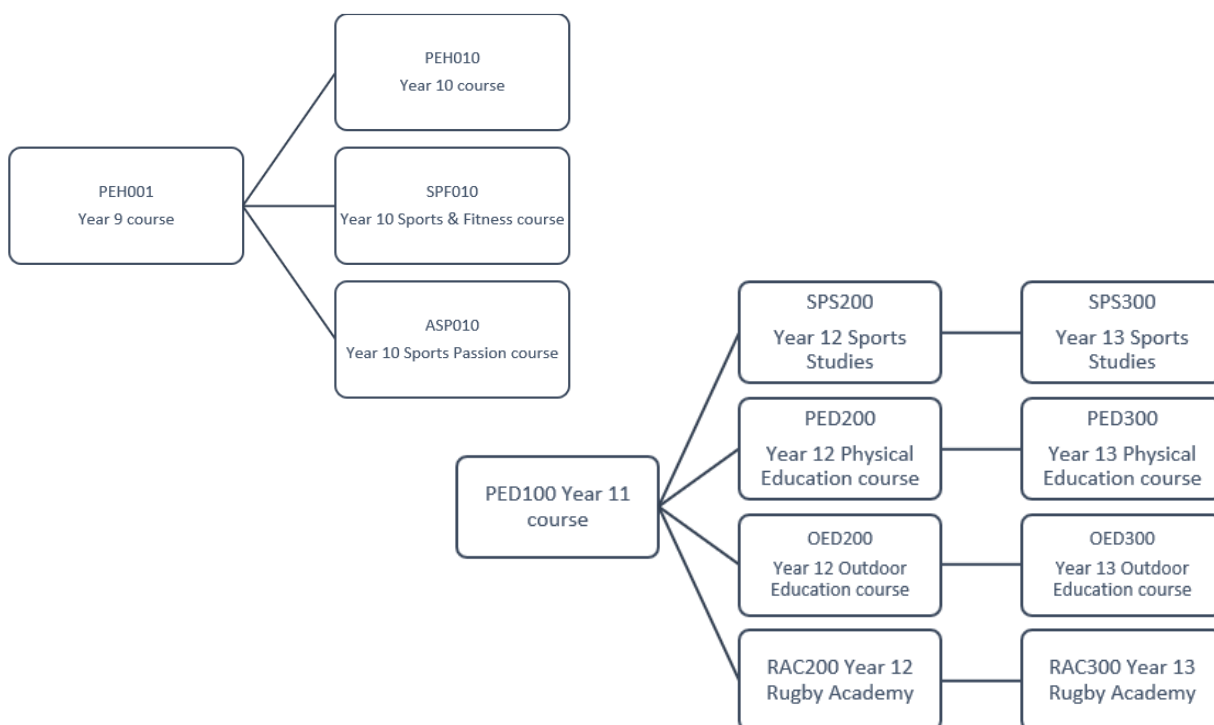
The subject area of Physical Education comprises of 4 strands and the aims of the curriculum here at MBC is for our students to:

Strand A: develop the knowledge, skills and attitudes to enhance personal health.

Strand B: develop motor skills and positive attitudes towards physical activity

Strand C: develop skills and attitudes that enhance relationships with others

Strand D: participate in a positive way in our community



Akoranga Koiri

PHYSICAL EDUCATION FACULTY

PHYSICAL EDUCATION		LEVEL 1	CODE: PED100					
ENTRY REQUIREMENTS: Open entry		Standard	Title	Level	Int/Ext	Credits	Lit	Num
COURSE DESCRIPTION: This course is an introduction to senior Physical Education and is a mix of practical and theory work. It includes completing seven different sports through the year.		90962	Participate actively in a variety of physical activities and explain factors that influence own participation	1	I	5		
Training methods		90963	Demonstrate understanding of the function of the body as it relates to the performance of physical activity	1	I	5	L1	
Sport Science		90964	Demonstrate quality movement in the performance of a physical activity	1	I	3		
Interpersonal skills		90966	Demonstrate interpersonal skills in a group and explain how these skills impact on others	1	I	4	L1	
Self-management strategies		90967	Demonstrate strategies to improve the performance of a physical activity and describe the outcomes	1	I	3	L1	
Training Principles		90969	Take purposeful action to assist others to participate in physical activity	1	I	2		
Aussie Rules, Water Polo, Basketball, Snooker, Mixed Martial Arts		90970	Demonstrate self management strategies and describe the effects on participation in physical activity	1	I	3	L1	
Subject Endorsement available in this course			TOTAL CREDITS				25	
CONTACT: MR C McMURTRIE								

P.E. LEVEL 2 COURSES

PHYSICAL EDUCATION		LEVEL 2	CODE: PED200						
ENTRY REQUIREMENTS: 14 PED100 Credits					Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: This course will suit those interested in pursuing an interest or career in sport and recreation. It has a strong academic focus along with a variety of practical work. Skill Learning Biomechanics Sociology Exercise Physiology - Fitness Training Coaching Practical (Kayak Roll, Badminton, Lawn Bowls)			Standard	Title					
			476	Roll a kayak	2	I	2		
			91328	Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills	2	I	5	L1	
			91329	Demonstrate understanding of the application of biophysical principles to training for physical activity	2	I	4	L1	
			91330	Perform a physical activity in an applied setting	2	I	4		
			91332	Evaluate leadership strategies that contribute to the effective functioning of a group	2	I	4	L1	
			91333	Analyse the application of risk management strategies to a challenging outdoor activity	2	I	3	L1	
			91334	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	2	I	3		
Subject Endorsement available in this course				TOTAL CREDITS			25		
CONTACT: MR J DUNN									
This course will have a trip cost. The cost will cover the cost of food, transport and accommodation for the camp/trip. All curriculum costs will be covered by the school.									

SPORTS STUDIES		LEVEL 2		CODE: SPS200						
ENTRY REQUIREMENTS: Open Entry										
		Standard	Title	Level	Int/ Ext	Credits	Lit	Num		
COURSE DESCRIPTION: This course is suited to students who are passionate about sport, sport coaching, sports administration and learning about the requirements of the sport industry. Skill learning Report writing Exerise Physiology Coaching Communication skills Gym membership		1299	Be assertive in a range of specified situations	2	I	4				
		3492	Write a short report	2	I	3				
		10791	Participate in a informal meeting	2	I	3				
		21791	Relate human anatomy and movement to gym equipment and static stretching	2	I	4				
		21793	Demonstrate correct technique when using basic gym equipment	2	I	2				
		21794	Demonstrate, instruct, and monitor static stretching	2	I	3				
		21795	Demonstrate, instruct, and monitor safe and correct use of cardiovascular exercise equipment	2	I	3				
		91335	Examine the implementation and outcomes of a physical activity event or opportunity	2	I	3	L1			
		91336	Analyse group process in a physical activity	2	I	3	L1			
			TOTAL CREDITS				28			
CONTACT: MR C McMURTRIE										

RUGBY ACADEMY		LEVEL 2		CODE: RAC200					
ENTRY REQUIREMENTS: Currently playing rugby and aiming to play at 1st or 2nd XV level. Judged on their previous involvement in school rugby.									
		Standard	Title	Level	Int/ Ext	Credits	Lit		Num
COURSE DESCRIPTION: This is a practical course for those who wish to pursue a career as a high performance athlete in rugby. Physical Fitness training Nutrition Sports Psychology Skill Development Coaching Refereeing Careers Development		22769	Demonstrate knowledge of basic skills and rules at a beginner level for a sport	2	I	2			
		27629	Describe pre-competition preparations for umpiring/officiating at a junior or beginner level	2	I	4			
		22770	Demonstrate knowledge of coaching, the coaching environment and sports participants needs	2	I	4			
		91330	Perform a physical activity in an applied setting	2	I	4			
		91334	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity.	2	I	3			
			TOTAL CREDITS					20	
CONTACT: MR H MCKERROW									

OUTDOOR EDUCATION		LEVEL 2	CODE: OED200						
ENTRY REQUIREMENTS: Open entry									
		Standard	Title	Level	Int/ Ext	Credits	Lit	Num	
COURSE DESCRIPTION: This is a practical course for students who enjoy the Outdoors and/or who wish to pursue a career in the Outdoor Industry Snorkelling/diving Bushcraft & Survival Skill Learning Kayaking Boat Safety Mountain biking Camping		425	Experience day tramps	2	I	3			
		426	Experiencing camping	2	I	3			
		431	Navigate in good visibility on land	2	I	3			
		457	Mountain bike on intermediate to expert terrain	2	I	2			
		489	Demonstrate sea kayaking skills on sheltered or slow-moving water	2	I	3			
		20138	Select, set up and maintain a mountain or cycle touring bike	2	I	3			
		28391	Snorkel dive in open water	2	I	2			
			TOTAL CREDITS					19	
CONTACT: MR P. MOLYNEUX									
This course will have a trip cost. The cost will cover the cost of food, transport and accommodation for the camp/trip. All curriculum costs will be covered by the school.									



P.E. LEVEL 3 COURSES

PHYSICAL EDUCATION		LEVEL 3	CODE: PED300					
ENTRY REQUIREMENTS: 14 PED200 credits		Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: This course is mainly theoretically essay based. It will suit students interested in sport, wanting to study sport further, or moving into a sport based career. Biomechanical Analysis Skill Acquisition and Sports Psychology Exercise Physiology Sociology Cycle Tour Volleyball in conjunction with theory work. Subject Endorsement available in this course and it is an Approved University Entrance Subject.		20135	Plan for, participate in and evaluate a self-sufficient cycle tour	3	I	10		
		91498	Evaluate physical activity experiences to devise strategies for lifelong well-being	3	I	4	L1	Y
		91499	Analyse a physical skill performed by self or others	3	I	3	L1	
		91500	Evaluate the effectiveness of a performance improvement programme	3	I	4	L1 R	Y
		91501	Demonstrate quality performance of a physical activity in an applied setting	3	I	4	L1	
		91502	Examine a current physical activity event, trend, or issue and its impact on New Zealand society	3	I	4	L1 R	
			TOTAL CREDITS					29
CONTACT: MR J HARRISON								
This course will have a trip cost. The cost will cover the cost of food, transport and accommodation for the camp/trip. All curriculum costs will be covered by the school.								

P.E. LEVEL 3 COURSES CONTd.....

OUTDOOR EDUCATION		LEVEL 3	CODE: OED300					
ENTRY REQUIREMENTS: 12 Credits from OED200		Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: This is a practical course for students who enjoy the Outdoors and/or who wish to pursue a career in the Outdoor Industry. Sea Kayaking Bushcraft & Survival Tramp/Camping Ski-ing		427	Cross rivers	3	I	2		
		428	Demonstrate tramping skills for multi-night tramping as a member of a group	3	I	15		
		430	Demonstrate bush survival skills	3	I	3		
		19428	Prepare for sea kayaking and demonstrate sea kayaking skills in sheltered sea conditions	3	I	10		
		TOTAL CREDITS					30	
CONTACT: MR P MOLYNEUX								
This course will have a trip cost. The cost will cover the cost of food, transport and accommodation for the camp/trip. All curriculum costs will be covered by the school.								

RUGBY ACADEMY		LEVEL 3	CODE: RAC300						
ENTRY REQUIREMENTS: XV level. Judged on their previous involvement in school rugby. And 14 Level 2 credits from RAC200					Level	Int/ Ext	Credits	Lit	Num
			Standard	Title					
COURSE DESCRIPTION: This is a practical course for those who wish to pursue a career as a high performance athlete in rugby. Physical fitness training Nutrition Sports Psychology Skill Development Coaching Refereeing Career Development			20673	Demonstrate knowledge of injury prevention and risk and injury management in sport or recreation	3	I	4		
			22771	Plan a beginner level coaching session for sport participants	3	I	6		
			2768	Conduct and review a beginner level coaching session	3	I	6		
			91501	Demonstrate quality performance of a physical activity in an applied setting	3	I	4		Y
				TOTAL CREDITS					20
CONTACT: MR H MCKERROW									



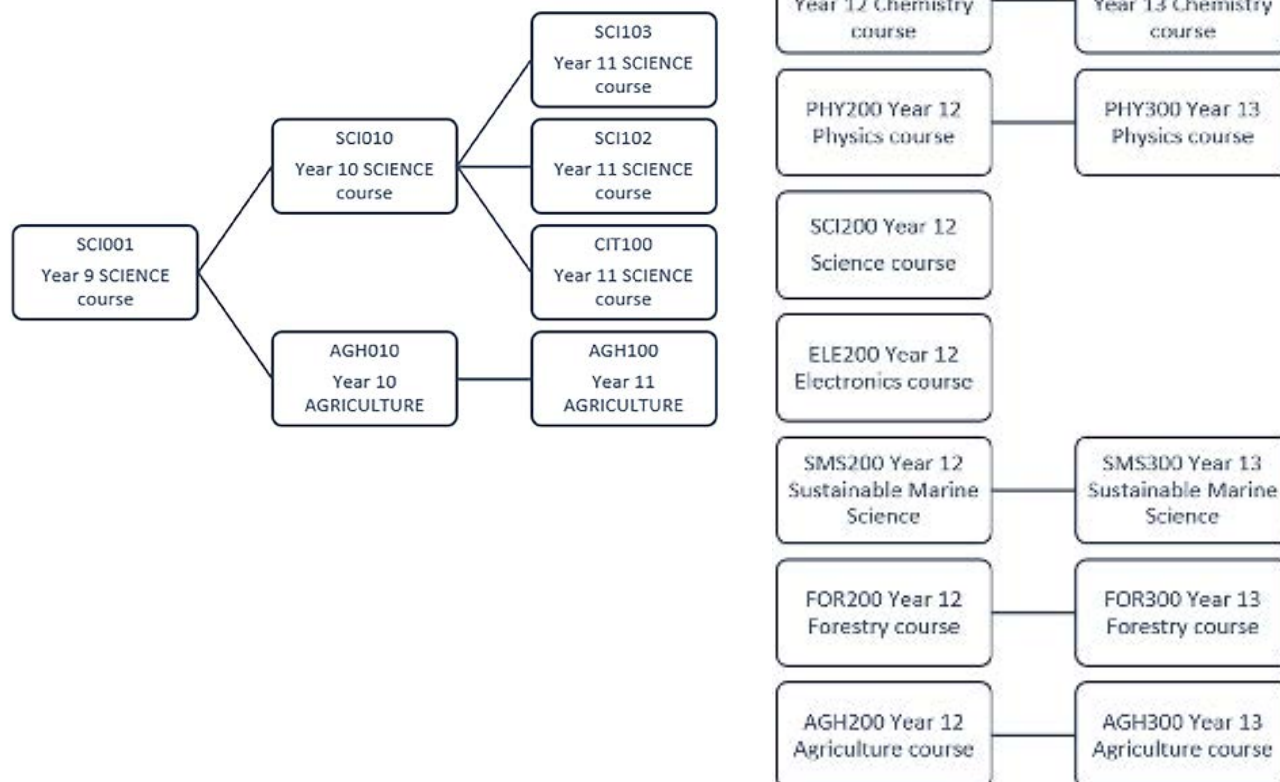
SPORTS STUDIES		LEVEL 3		CODE: SPS300					
ENTRY REQUIREMENTS: Open Entry/Permission from Teacher in Charge				Level	Int/ Ext	Credits	Lit	Num	
		Standard	Title						
COURSE DESCRIPTION: In this industry based course students will have many opportunities to develop as coaches and players as well as take responsibility for they own sport related fitness. Skill Acquisition Exercise Phsiology Sports safety Coaching practicals Gym membership		7021	Demonstrate exercise techniques	3	I	8			
		13382	Develop and teach a simple movement skill in a specified workplace	3	I	2			
		20673	Demonstrate knowledge of injury prevention and risk and injury management in sport or recreation	3	I	4			
		21414	Plan and run a recreation activity	3	I	4			
		22768	Conduct and review a beginner level coaching session	3	I	6			
		22771	Plan beginner-level coaching sessions for sport participants	3	I	6			
			TOTAL CREDITS					30	
CONTACT: MR C McMURTRIE									

Students learn practical and experimentation skills to problem solve and make informed decisions. The challenges and opportunities that confront our world need to be approached from a scientific perspective, taking account of social and ethical considerations. Students develop an understanding of the world, built on current scientific theories, and apply them to everyday situations. Students studying senior science courses leave knowing how scientists work.

This involves:

- Gathering and interpreting data from valid investigations
- Using and critiquing evidence
- Interpreting representations and making informed decisions
- Being creative and finding solutions to real world problems

This enables students to engage with and understand the implications of Science locally as well as globally. These skills will serve them in whatever career pathway they choose to follow.



LEVEL 1 SCIENCE COURSES

Science at level 1 is optional. Students opting to take Science (SCI) will be allocated to CIT100, SCI102, or SCI103 based on their Year 10 achievement.

SCIENCE		LEVEL 1	CODE: CIT100					
ENTRY REQUIREMENTS: Placement based on Year 10 achievement	Standard	Title	Level	Int/Ext	Credits	Lit	Num	
	90946	Investigate the implications of the properties of metals for their use in society	1	I	4			
COURSE DESCRIPTION: A general science course suitable for those who enjoy science but who benefit from increasing their scientific literacy as citizens. Standards are selected from a range of options during the year. Enjoy science but who may not be able to access Level 1 science	90949	Investigate life processes and environmental factors that affect them	1	I	4			
		TOTAL CREDITS				8		
CONTACT: MS R HOMEWOOD								

LEVEL 1 SCIENCE COURSES

SCIENCE	LEVEL 1	CODE: SCI102						
ENTRY REQUIREMENTS: Placement based on Year 10 achievement								
	Standard	Title	Level	Int/Ext	Credits	Lit	Num	
COURSE DESCRIPTION: A general science course designed to build scientific literacy for all and also for those intending to take science to a higher level. Content Micro-organisms Investigate a Chemical Reaction Mechanics Metals	90940	Demonstrate understanding of aspects of mechanics	1	E	4		Y	
	90946	Investigate the implications of the properties of metals for their use in society	1	I	4			
	90947	Investigate selected chemical reactions	1	I	4			
	90949	Investigate life processes and environmental factors that affect them	1	I	4			
	90935	Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction	1	I	4		Y	
QUALIFICATION to be gained: Subject Endorsement available in this course								
					TOTAL CREDITS	20		
CONTACT: MS R HOMEWOOD								

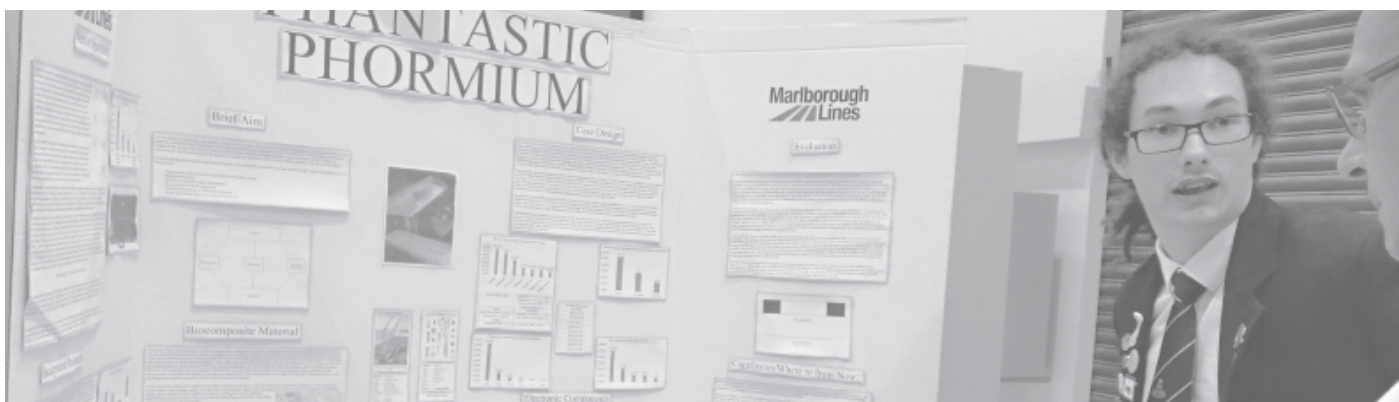
SCIENCE	LEVEL 1	CODE: SCI103						
ENTRY REQUIREMENTS: Placement based on Year 10 achievement								
	Standard	Title	Level	Int/Ext	Credits	Lit	Num	
COURSE DESCRIPTION: A general science course suitable for, but not restricted to, those intending to progress in science. Students in this course will take two exams rather than the one exam in SCI102. Students taking this Science course often progress to level 2 science course. Chemical reactions Mechanics Genetics Electrical investigation	90940	Demonstrate understanding of aspects of mechanics	3	E	4		Y	
	90947	Investigate selected chemical reactions	3	I	4			
	90935	Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction	3	I	4		Y	
	90948	Demonstrate understanding of biological ideas relating to genetic variation	3	E	4	L1		
	90949	Investigate life processes and environmental factors that affect them	3	I	4			
QUALIFICATION to be gained: Subject Endorsement available in this course								
					TOTAL CREDITS	20		
CONTACT: MS R HOMEWOOD								



AGRICULTURE	LEVEL 1	CODE: AGH100						
ENTRY REQUIREMENTS: Open entry								
	Standard	Title	Level	Int/Ext	Credits	Lit	Num	
COURSE DESCRIPTION: A foundation course for those with an interest in primary production. Agriculture/Horticulture production and impact Practical skills Soil management A foundation course for those with an interest in primary production	1	Prepare and sow outdoor seedbeds manually	1	I	5			
	90157	Demonstrate practical skills used in agricultural or horticultural production	1	I	4			
	90160	Demonstrate knowledge of the impact on the environment of primary production management practices	1	I	3	L1		
	90919	Demonstrate knowledge of soil management practices	1	E	4	L1		
	90920	Demonstrate knowledge of the geographic distribution of agricultural primary	1	I	3	L1		
QUALIFICATION to be gained: Subject Endorsement available in this course								
					TOTAL CREDITS	23		
CONTACT: MR G YTSMA								

LEVEL 2 SCIENCE COURSES

BIOLOGY		LEVEL 2	CODE: BIO200					
ENTRY REQUIREMENTS: 12 credits in Science at Level 1, or higher. The majority of Science exams at Level 1 must have been passed, including Genetic Variation.				Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: A general biology course aimed at developing skills to investigate biological structures, patterns and systems with a focus on biological adaptations, genetics and evolution. Cell structure and function Ecology Genetics and Evolution Plant and Animal adaptations		Standard	Title					
		91153	Carry out a practical investigation in a biology context	2	I	4		Y
		91157	Demonstrate understanding of generic variation and change	2	E	4	L1 R	
		91156	Demonstrate understanding of life processes at the cellular level	2	E	4	L1 R	
		91158	Investigate a pattern in an ecological community, with supervision	2	I	4		
		91159	Demonstrate understanding of gene expression	2	E	4	L1	
QUALIFICATION to be gained: Subject Endorsement available in this course			TOTAL CREDITS			20		
CONTACT: DR E ATTRIDGE								
<i>This course will have a trip cost. The cost will cover the cost of food, transport and accommodation for the camp/trip. All curriculum costs will be covered by the school.</i>								



CHEMISTRY		LEVEL 2	CODE: CHE200					
ENTRY REQUIREMENTS: 12 credits in Science at Level 1, or higher. The majority of Science exams at Level 1 must have been passed.				Level	Int/ Ext	Credits	Lit	Num
		Standard	Title					
COURSE DESCRIPTION: This course is for students who wish to develop their thinking skills, their ability to engage in logical argument, laboratory skills and their understanding of the microstructure and behaviour of matter and chemical systems. Qualitative and quantitative analysis Why and how organic and inorganic chemicals react Opportunities for extension in practical and theoretical chemistry exist		91165	Demonstrate understanding of the properties of selected organic compounds	2	E	4	L1	
		91166	Demonstrate understanding of chemical reactivity	2	E	4	L1	
		91167	Demonstrate understanding of oxidation-reduction	2	I	3		
		91910	Carry out an investigation into a substance present in a consumer product using quantitative analysis	2	I	4		Y
		91911	Carry out an investigation into chemical species present in a sample using qualitative analysis	2	E	3		
					TOTAL CREDITS			18
QUALIFICATION to be gained: Subject Endorsement available in this course								
CONTACT: MRS S WITHERS								

PHYSICS		LEVEL 2	CODE: PHY200						
ENTRY REQUIREMENTS: 12 Level 1 Maths credits plus 12 Level 1 Science credits. The majority of Science external exams at Level 1 must have been passed, one of which must be Mechanics.			Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: This is a general course for those wishing to pursue a scientific, technical or engineering career. Waves Mechanics Electricity Practical investigation			91168	Carry out a practical physics investigation that leads to a non-linear mathematical relationship	2	I	4	L1	
			91169	emonstrate understanding of physics relevant to a selected context	2	I	3	L1	
			91171	Demonstrate understanding of mechanics	2	E	6	L1	
			91173	Demonstrate understanding of electricity and electromagnetism	2	E	6	L1	
			QUALIFICATION to be gained: Subject Endorsement available in this course			TOTAL CREDITS			19
CONTACT: MR G SMITH									

SCIENCE		LEVEL 2		CODE: SCI200					
ENTRY REQUIREMENTS: 12 credits in Science at Level 1.									
		Standard	Title	Level	Int/ Ext	Credits	Lit	Num	
COURSE DESCRIPTION: A general science course with a focus on local contexts designed to further develop scientific skills to complement other curriculum areas or possibly leading to advanced study in science. Marine farming Plate Tectonics and Earthquakes Geological processes and Marlborough's History Validity significant information		91190	Investigate how organisms survive in an extreme environment	2	I	4	L1		
		16337 (US)	Outline New Zealand Greenshell mussel (kutai, kuku) farming	2	I	10			
		91154	Analyse the biological validity of information presented to the public	2	I	3	L1		
		16672 (US)	Outline the Pacific oyster (tio) farming industry in New Zealand	2	I	10			
		QUALIFICATION to be gained: Subject Endorsement available in this course			TOTAL CREDITS			27	
CONTACT: DR E ATTRIDGE									

SUSTAINABLE MARINE SCIENCE		LEVEL 2	CODE: SMS200					
ENTRY REQUIREMENTS: 12 credits in Science at Level 1 or higher								
		Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: A course aimed at developing understanding of the biology of selected marine species with a focus on aquaculture and the factors which influence sustainable marine farming. Fish species and their identification Use of microscopes Oyster Biology and Farming Mussel Biology and Farming Ecotourism		16337	Outline New Zealand Greenshell mussel (kutai, kuku) farming	2	I	10		
		16340	Describe the biology of the New Zealand Greenshell mussel (kutai, kuku)	2	I	5		
		16673	Describe the biology of oysters (tio)	2	I	5		
		16712	Identify seafood species in the New Zealand seafood industry	2	I	3		
		QUALIFICATION to be gained: Subject Endorsement available in this course			TOTAL CREDITS			23
CONTACT: DR E ATTRIDGE								

ELECTRONICS		LEVEL 2	CODE: ELE200					
ENTRY REQUIREMENTS: Open entry		Standard	Title	Level	Int/Ext	Credits	Lit	Num
COURSE DESCRIPTION: This course gives students the opportunity to become competent with electronic components and to be able to manufacture simple circuit boards. It leads to a National Certificate in Electronics Technology.		18239	Demonstrate introductory knowledge of circuit concepts and measurements for electronics	2	I	5		
		18240	Demonstrate knowledge of basic electronic components	2	I	5		
		18241	Demonstrate knowledge of basic electronic systems	2	I	5		
		18242	Construct a simple printed circuit	2	I	3		
		18243	Construct a simple electronic product from a supplied circuit schematic	2	I	6		
			TOTAL CREDITS					24
CONTACT: MR G SMITH								

FORESTRY		LEVEL 2	CODE: FOR200						
ENTRY REQUIREMENTS: Open entry		Standard	Title	Level	Int/Ext	Credits	Lit	Num	
COURSE DESCRIPTION:		6916	Demonstrate knowledge of the rules relating to chainsaw use	2	I	5			
Requirements for safe work practices and an outline of the forest industry in New Zealand.		6917	Demonstrate basic chainsaw operation	2	I	8			
Rules regarding working in forestry		17769	Demonstrate knowledge of general health, safety, and environmental requirements in forestry	2	I	5			
Chainsaw use									
Commercial forestry		22997	Demonstrate knowledge of principles of commercial forestry	2	I	5			
QUALIFICATION to be gained: Subject Endorsement available in this course			TOTAL CREDITS			20			
CONTACT: MR G YTSMA									

AGRICULTURE		LEVEL 2		CODE: AGH200							
ENTRY REQUIREMENTS: Open entry		Standard	Title	Level	Int/Ext	Credits	Lit	Num			
COURSE DESCRIPTION: A course suited to those students interested in pursuing a career in Agriculture/Horticulture. Farm Safety Safe operation of a Quad Bike Safe operation of a Motorcycle Safe operation of a Tractor Environmental impacts of primary production Stock care and management		19044	Demonstrate knowledge of the legal requirements and hazards associated with tractor use	2	I	3					
		23540	Demonstrate knowledge of hazards, hazard control, and the consequences of injury in a rural workplace.	2	I	5					
		23542	Identify factors, and describe how to manage factors, that contribute to injury in a rural workplace	3	I	4					
		24555	Demonstrate knowledge of the safe operation of a motorcycle	2	I	3					
		24557	Demonstrate knowledge of the safe operation of a quad bike	2	I	3					
		91295	Demonstrate understanding of interactions between livestock behaviour and NZ commercial management practices	2	I	4	L1				
		91298	Report on the environmental impact of the production of a locally produced primary product	2	I	4	L1				
			TOTAL CREDITS					27			
CONTACT: MR G YTSMA											

LEVEL 3 SCIENCE COURSES

BIOLOGY		LEVEL 3		CODE: BIO300						
ENTRY REQUIREMENTS: 12 credits in Biology at Level 2 or higher. The majority of Biology exams at Level 2 must have been passed.				Level	Int/ Ext	Credits	Lit	Num		
		Standard	Title							
COURSE DESCRIPTION: A general biology course aimed at developing critical thinking about biological systems and processes. Animal behaviour and Plant responses Homeostasis Genetic manipulation Evolution and speciation Human evolution Computational Biology & Statistics		91601	Carry out a practical investigation in a biological context, with guidance	3	I	4	L1			
		91603	Demonstrate understanding of the responses of plants and animals to their external environment	3	E	5	L1 R			
		91604	Demonstrate understanding of how an animal maintains a stable internal environment	3	I	3	L1 R			
		91605	Demonstrate understanding of evolutionary processes leading to speciation	3	E	4	L1 R/W			
		91606 Optional	Demonstrate understanding of trends in human evolution	3	E	4	L1 R/W			
		91602 Optional	Integrate biological knowledge to develop an informed response to a socio-scientific issue	3	I	3	L1 R/W			
		91607	Demonstrate understanding of human manipulations of genetic transfer and its biological implications	3	I	3	L1 R			
			TOTAL CREDITS					26		
CONTACT: DR E ATTRIDGE										

CHEMISTRY		LEVEL 3		CODE: CHE300						
ENTRY REQUIREMENTS: 12 credits in Chemistry at Level 2 and the majority of Chemistry external exams at Level 2 must have been passed.										
		Standard	Title	Level	Int/ Ext	Credits	Lit	Num		
COURSE DESCRIPTION: This course is for students keen to extend the development of their thinking skills, ability to engage in logical argument, laboratory skills and their understanding of chemistry and for those who plan to study science or any form of applied science at tertiary level. Extended quantitative practical investigation Spectroscopy for organic chemicals Chemical processes in the world around us Thermochemistry Properties of inorganic compounds Equilibrium principles in solutions Redox processes Opportunities for extension in practical and theoretical chemistry exist QUALIFICATION to be gained: Subject Endorsement available in this course and it is an Approved University Entrance Subject.		91388	Demonstrate understanding of spectroscopic data in chemistry	3	I	3				
		91389	Demonstrate understanding of chemical processes in the world around us	3	I	3	L1 R/W			
		91390	Demonstrate understanding of thermochemical principles and the properties of particles and substances	3	I	5	L1			
		91392	Demonstrate understanding of equilibrium principles in aqueous solutions	3	I	5	L1	Y		
		91393	Demonstrate understanding of oxidation -reduction	3	I	3	L1			
						TOTAL CREDITS		19		
CONTACT: MRS S WITHERS										

This course will have a trip cost. The cost will cover the cost of food, transport and accommodation for the camp/trip. All curriculum costs will be covered by the school.

PHYSICS		LEVEL 3	CODE: PHY300					
ENTRY REQUIREMENTS: 12 credits in Physics at Level 2 or higher. The majority of Physics external exams at Level 2 must have been passed.				Level	Int/Ext	Credits	Lit	Num
COURSE DESCRIPTION: This is a general course for those planning to pursue a scientific, technical or engineering career. It is also an important prerequisite for many university courses and professions. Waves Mechanics Electricity Practical Investigation Nuclear Physics QUALIFICATION to be gained: Subject Endorsement available in this course and it is an Approved University Entrance Subject.		Standard	Title					
		91512	Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship	3	I	4	L1	
		91523	Demonstrate understanding of wave systems	3	E	4	L1	
		91524	Demonstrate understanding of mechanical systems	3	E	6	L1	
		91526	Demonstrate understanding of electrical systems	3	E	6	L1	
			TOTAL CREDITS			20		
CONTACT: MR G SMITH								

SCIENCE		LEVEL 3	CODE: SMS300						
ENTRY REQUIREMENTS: 12 credits in Science at Level 1 or higher		Standard	Title	Level	Int/ Ext	Credits	Lit	Num	
COURSE DESCRIPTION: A course aimed at continuing to develop understanding of the biology of selected marine species with a focus on aquaculture and the factors which influence sustainable marine farming. Students will be involved in growing salmon from eggs to release.		16673	Describe the biology of oysters (tio)	3	I	5			
		16674	Describe the principles of aquatic ecology and relate to aquaculture	3	I	10			
		20305	Describe the biology of the sea urchin	3	I	5			
		20306	Describe the biology a species of aquatic Crusacea	3	I	5			
			TOTAL CREDITS					25	
CONTACT: DR E ATTRIDGE									

FORESTRY		LEVEL 3	CODE: FOR300					
ENTRY REQUIREMENTS: Open entry		Standard	Title	Level	Int/ Ext	Credits	Lit	Comm
COURSE DESCRIPTION:		17763	Demonstrate knowledge of tree felling	3	I	5		
A more detailed coverage of how trees grow, and forest management.		17772	Demonstrate knowledge of environmental requirements in forestry	3	I	5		
Tree growth and botany		22994	Demonstrate knowledge of factors that affects the performance of forestry workers	3	I	10		
Tree felling		24575	Demonstrate knowledge of the functions that affect the quality of commercial forestry operations	3	I	4		
Environmental requirements in forestry		TOTAL CREDITS				24		
CONTACT: MR G YTSMA								

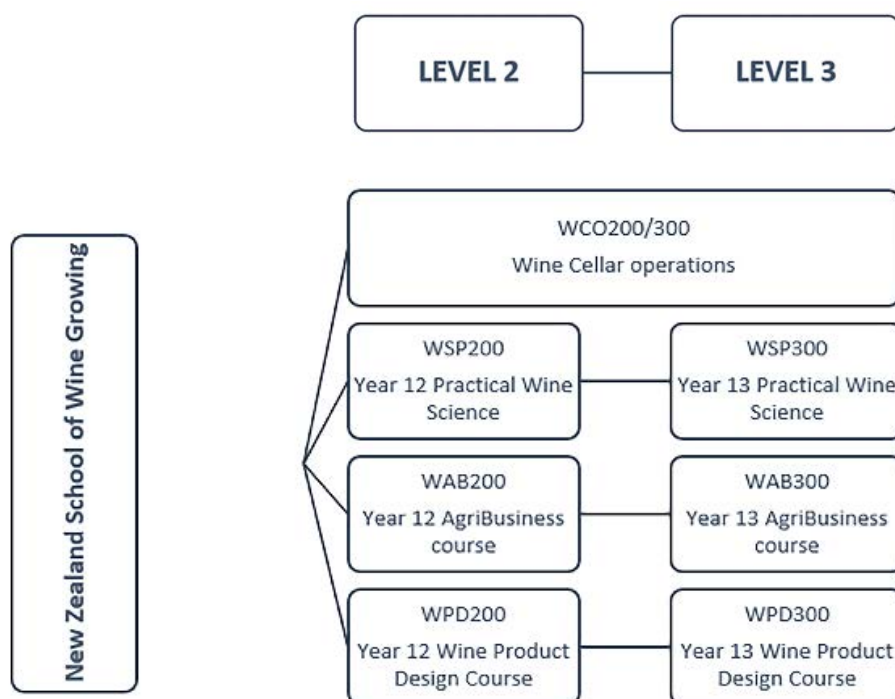
AGRICULTURE		LEVEL 3		CODE: AGH300					
ENTRY REQUIREMENTS: Open entry		Standard	Title	Level	Int/Ext	Credits	Lit	Num	
COURSE DESCRIPTION: Investigation of management practices and factors influencing primary production with a focus on viticulture. Investigation of viticultural practices Primary production profitability Environmental issues in farming		21956	Demonstrate knowledge of grapevine physiology, morphology and phenology	3	I	10			
		23542	Identify factors and describe how to manage factors that contribute to injury in a rural workplace	3	I	4			
		91528	Carry out an investigation into an aspect of a New Zealand primary product or its production	3	I	1			
		91529	Research and report on the impact of factors on the profitability of a New Zealand primary product	3	I	6	L1	Y	
		91532	Analyse a New Zealand primary production environmental issue	3	E	5	L1		
QUALIFICATION to be gained:Subject Endorsement available in this course			TOTAL CREDITS			26			
CONTACT: MR G YTSMA									

Students who take this course will come out with practical skills and an in-depth understanding of how wine is produced- from growing the grapes, managing the vines, through to processing, bottling, labeling and packaging. The students will be exposed to how the wine industry impacts on Sustainability, Tourism, Hospitality, Marketing and Management, locally, domestically and globally.

Students will graduate from the NZSWG course as independent, self-managing workers. Their exposure to various aspects of the industry and work experience during vintage, will give them a broad knowledge of our local industry and will give them confidence in their abilities to work in a winery or vineyard. They will be eager to learn, able to ask questions and curious, with the skills to research, constructively critique, query and then communicate their findings in a written or verbal form.

Working alongside NMIT provides students with additional opportunities and University level resources and facilities, as well as providing an on-site experience of a tertiary setting. This course will expose the students to the science, technology, tourism, marketing, mechanics, and innovations within the wine industry in Marlborough.

The course provides a variety of Unit Standards and Achievement Standards so will provide pathways to employment, further training or cadetships, or University Entrance to further their studies.



NZSWG CONT'd.....

NZSWG		LEVEL 2	CODE: WSP200					
ENTRY REQUIREMENTS: Level 1 NCEA Subject to Application and Interview		Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION:		19044	Demonstrate knowledge of the legal requirements and hazards associated with tractor use	2	I	3		
Wine science and practical students will be involved in a vintage of approximately 4 weeks at the end of Term 1. They will be introduced to health and safety aspects of a working vineyard or winery. Students will also learn about the growing of vines and the management factors that affect the quantity and quality of the grapes. They will also look at the social, economic and environmental factors that influence grape production.		23540	Demonstrate knowledge of hazards, hazard control, and the consequences of injury in a rural workplace	2	I	5		
		24577	Demonstrate knowledge of the safe operation of a quad bike	2	I	3		
		91292	Demonstrate understanding of how management practices influence plant growth and development in NZ commercial production	2	I	4	L1	
		91298	Report on the environmental impact of the production of a locally produced primary product	2	I	4	L1	
		91290	Demonstrate understanding of techniques used to modify physical factors of the environment for NZ plant production	2	I	4	L1	
		90811	Explain how human activity in a biophysical environment has consequences for a sustainable future	2	I	4	UE R	
		QUALIFICATION to be gained: Entry to Level 3 WSP			TOTAL CREDITS			27
CONTACT: MS R KANE								

NZSWG		LEVEL 2	CODE: WAB200					
ENTRY REQUIREMENTS: Level 1 NCEA Subject to Application and Interview		Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION:		29633	Demonstrate understanding of the New Zealand primary sectors and industries	2	I	4		
Wine Agribusiness students will integrate primary industries and business. They will look at business structures and influences on agribusinesses to meet the present and future needs, sustainability and protection of the environment.		91481	Demonstrate understanding of a contemporary accounting issue for decision-making	2	I	4	L1	
		91867	Demonstrate understanding of a primary industry business structure that best meets the strategic needs of a business	2	I	3	L1	
		91865	Demonstrate understanding of future proofing influences that affect business viability	2	I	4	L1	
		90846	Conduct market research for a new or existing product	2	I	3	L1	Y
		90848	Carry out, review and refine a business activity within a community context with guidance	2	I	9	L1	
QUALIFICATION to be gained: Entry to Level 3 WAB			TOTAL CREDITS			27		
CONTACT: MS R KANE								

NZSWG		LEVEL 2	CODE: WPD200					
ENTRY REQUIREMENTS: Level 1 NCEA Subject to Application and Interview		Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: Wine Product Design is for students who like to use creativity, knowledge and skill to design new solutions for a specific need or opportunity. The need or opportunity will be investigated by the students in consultation with the teacher and will be themed around wine and wine production.		91354	Undertake brief development to address an issue (optional)	2	I	4	L1	
		91356	Develop a conceptual design for an outcome	2	I	6		
		91357	Undertake effective development to make and trial a prototype	2	I	6		
		91358	Implement advanced procedures to process a specified product	2	E	4	L1	
		91351	Implement advanced procedures to process a specified product	2	I	4		
		QUALIFICATION to be gained: Entry to Level 3 WPD			TOTAL CREDITS			24
CONTACT: MS R KANE								

NZSWG		LEVEL 3	CODE: WAB300					
ENTRY REQUIREMENTS: Level 2 NCEA Subject to Application and Interview		Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: Wine Agribusiness students will examine innovative solutions and strategies for future proofing current and/or future issues. They will look at how science and agribusiness work together to meet consumers and producer needs, as well as their issues and new agri-technological advances.		91870	Analyse the effect of financing options of a strategic capital expenditure decision on a business	3	I	4	L1	
		91871	Analyse how a product meets market needs through innovation in the value chain	3	I	4	L1 R	
		91382	Develop a marketing plan for a new or existing product	3	I	6	L1 R	
		91384	Carry out, with consultation, an innovative and sustainable business activity	3	I	9	L1 R	
		91380	Strategic response to external factors by a business that operates in a global context	3	I	4	L1 R/W	
					TOTAL CREDITS			27
CONTACT: MS R KANE								

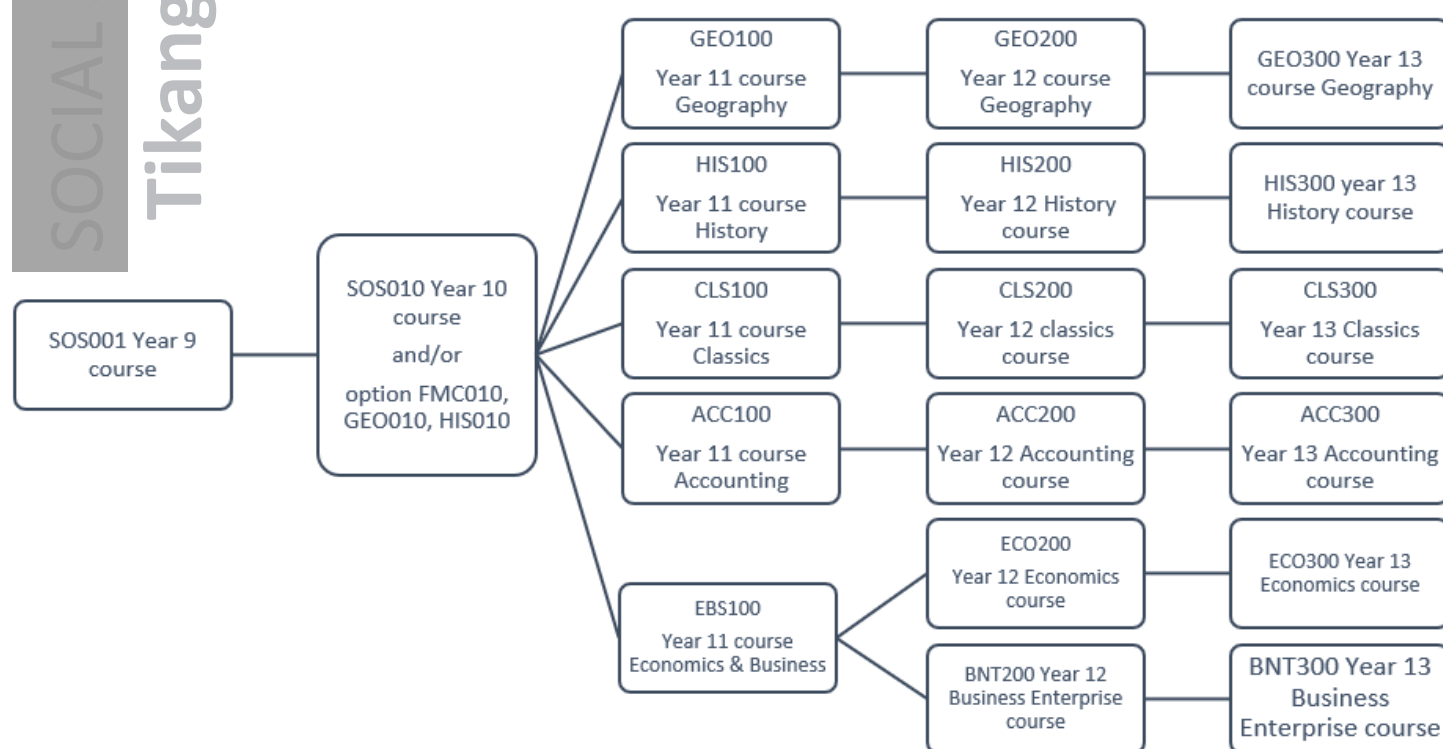
NZSWG		LEVEL 3		CODE: WPD300					
ENTRY REQUIREMENTS: Level 2 NCEA Subject to Application and Interview		Standard	Title	Level	Int/ Ext	Credits	Lit	Num	
COURSE DESCRIPTION: Wine Product Design at Level 3 builds on the work done at Level 2. This course is for students who like to use creativity, knowledge and skill to design new solutions for a specific need or opportunity. At Level 3 student will have an authentic context for their project which will be themed around wine and wine production. QUALIFICATION to be gained: Level 3 University Entrance approved course Course Endorsement in Technology		91608	Undertake brief development to address an issue within a determined context (optional)	3	I	4	L1		
		91610	Develop a conceptual design considering fitness for purpose in the broadest sense	3	I	6	L1		
		91611	Develop a prototype considering fitness for purpose in the broadest sense	3	I	6	L1		
		91612	Demonstrate understanding of how technological modelling supports technological development and implementation (optional)	3	E	4	L1 W		
		91643	Implement complex procedures to process a specified product	3	I	6	L1		
					TOTAL CREDITS			26	
CONTACT: MS R KANE									



Graduates from Social Science courses will have developed knowledge and skills to think critically, weigh evidence, understand a range of perspectives, be aware of bias – to learn about the world they live in, in context.

At Marlborough Boys' College, this will range from recognising the impact of a story portrayed on a 2500 year old Greek vase, to recommending the best location for building a high school in Marlborough; and recognising the legacy of racism in societies, to recommending the best marketing option for a business start-up.

The Social Sciences encompass a diverse range of subjects. Therefore, graduates will display a wide array of skills. By being informed about their world, they can conduct an intelligent conversation. By asking challenging, informed questions, Social Scientists conduct research to gather evidence to formulate an educated opinion and take action as responsible citizens.



SOCIAL SCIENCES		LEVEL 1		CODE: GEO100				
ENTRY REQUIREMENTS: Open entry		Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: This course explores the relationships between people and both natural and cultural environments. Geography investigates the ways in which features are arranged on the earth's surface. Earthquakes NZ Population Geographic Skills Contemporary Geographic Issues Global Geographic study Research Project Geographic Information System		91007	Demonstrate geographic understanding of environments that have been shaped by extreme natural event(s)	1	E	4	L1	
		91008	Demonstrate geographic understanding of population concepts	1	E	4	L1	
		91009	Demonstrate geographic understanding of the sustainable use of an environment	1	I	3	L1	
		91010	Apply concepts and basic geographic skills to demonstrate understanding of a given environment	1	E	4		Y
		91011	Conduct geographic research, with direction	1	I	4	L1	Y
		91012	Describe aspects of a contemporary New Zealand geographic issue	1	I	3	L1	
		91013	Describe aspects of a geographic topic at a global scale	1	I	3	L1	
		QUALIFICATION to be gained: Entry into Level 2 course. Subject endorsement available			TOTAL CREDITS			25
CONTACT: MR M THORNLEY / MR C GRAGE								

SOCIAL SCIENCE LEVEL 1 COURSES CONT'D.....

SOCIAL SCIENCES		LEVEL 1	CODE: CLS100					
ENTRY REQUIREMENTS: Open entry		Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: A study of Ancient Greece encompassing the art, architecture, literature, philosophy and prominent persons and events of these civilisations. Greek Mythology The Trojan War The Iliad Greek Art and Architecture		91021	Demonstrate understanding of ideas and values of the classical world	1	E	4	L1	
		91022	Demonstrate understanding of the significance of features of work(s) of art in the classical world	1	E	4	L1	
		91024	Demonstrate understanding of social relationships in the classical world	1	I	6	L1	
		91025	Demonstrate understanding of links between aspects of the classical world and another culture	1	I	6	L1	
		QUALIFICATION to be gained: Entry into Level 2 course. Subject endorsement available			TOTAL CREDITS			20
CONTACT: MR P OLLIVER								

SOCIAL SCIENCES		LEVEL 1	CODE: HIS100					
ENTRY REQUIREMENTS: Open entry		Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: History ask students, and helps them answer, today’s question by engaging with the past and imagining and speculating on possible futures. We present students with dilemmas, choices and beliefs of the past. Origins of WW2 New Zealand in WW2 Black Civil Rights The USA Student Choice Topic QUALIFICATION to be gained: Entry into Level 2 course. Subject endorsement available		91001	Carry out an investigation of an historical event, or place, of significance to New Zealanders	1	I	4	L1	
		91002	Demonstrate understanding or an historical event, or place, of significance to New Zealand	1	I	4	L1	
		91003	Interpret sources of an historical event of significance to New Zealanders	1	I	4	L1	
		91004	Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders	1	I	4	L1	
		91005	Describe the causes and consequences of an historical event	1	E	4	L1	
					TOTAL CREDITS			20
CONTACT: MR M CLARK								

SOCIAL SCIENCES		LEVEL 1	CODE: ACC100					
ENTRY REQUIREMENTS: Open entry				Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: In Level 1 Accounting students will develop the knowledge to manage the financial affairs of individuals, whanau, community organisations and local small or medium entities, while acting with integrity. Enterprise Consumer Choices Supply and Demand Market Equilibrium Financial Literacy Accounting Processes and Statements		Standard	Title					
		90977	Process financial transactions for a small entry	1	I	5		
		90978	Prepare financial statements for sole proprietors	1	E	5		
		90979	Prepare financial information for a community organisation's annual general meeting	1	I	4	L1	
		90980	Interpret accounting information for sole proprietors	1	E	4	L1	
		90981	Make a financial decision for an individual or group	1	I	3	L1	
QUALIFICATION to be gained: Entry into Level 2 course. Subject endorsement available			TOTAL CREDITS			21		
CONTACT: MR R PETERS								

SOCIAL SCIENCES		LEVEL 1	CODE: EBS100					
ENTRY REQUIREMENTS: Open entry		Standard	Title	Level	Int/Ext	Credits	Lit	Num
COURSE DESCRIPTION: Economics examines the choices people make about the use of limited resources to satisfy unlimited wants. Business Studies is about how individuals and groups of people organise, plan and act to create and develop goods and services to satisfy customers.		90841	Investigate aspects of human resource processes in a business	1	I	3	L1	
		90842	Carry out and review a product-based business activity within a classroom context with direction	1	I	6	L1	
		90983	Demonstrate understanding of consumer choices, using scarcity and/or demand	1	E	4	L1	
		90985	Demonstrate understanding of consumer choices, using supply	1	E	1	L1	
		90986	Demonstrate understanding of how consumer, producer and/or government choices affect society, using market equilibrium.	1	E	5	L1	
		90988	Demonstrate understanding of the interdependence of sectors of the New Zealand economy	1	I	3	L1	
		QUALIFICATION to be gained: Entry into Level 2 course. Subject endorsement available			TOTAL CREDITS			22
CONTACT: MRS J THOMAS								

SOCIAL SCIENCES LEVEL 2 COURSES

SOCIAL SCIENCES		LEVEL 2	CODE: GEO200					
ENTRY REQUIREMENTS: L1 Literacy and Numeracy plus 10+ credits GEO100 or if no GEO100 → in HIS100 or EBS100 or CLS100 or M Endorsement or HOF discretion								
		Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: At Level 2 this course asks students to study geography in more depth and detail. We spend more time looking at the patters and processes that create geographic features and environments. Rainforests Global Inequalities Geographic Skills Contemporary Geographic Issue Global Geographic Study Research Project		91240	Demonstrate geogrpahic understanding of a large natural environment	2	E	4	L1 R/W	
		91241	Demonstrate geographic understanding of an urban pattern	2	I	3	L1	
		91242	Demonstrate geographic understanding of differences in development	2	E	4	L1 R/W	
		91243	Apply geography conceptsand skills to demonstrate understanding of a given environment	2	E	4	L1	
		91244	Conduct geographic research with guidance	2	I	5	L1	Y
		91245	Explain aspects of contemporary New Zealand geographic issue	2	I	3	L1	
		91246	Explain aspects of a geographic topic at a global scale	2	I	3	L1 R/W	
QUALIFICATION to be gained: Entry into Level 3 course. Subject endorsement available			TOTAL CREDITS			26		
CONTACT: MR M THORNLEY/ MR C GRAGE								
<i>This course will have a trip cost. The cost will cover the cost of food, transport and accommodation for the camp/trip. All curriculum costs will be covered by the school.</i>								

SOCIAL SCIENCES		LEVEL 2		CODE: HIS200					
ENTRY REQUIREMENTS: L1 Literacy plus 10+ credits HIS100, or 10+ credits in one of GEO100, EBS100, CLS100 or HoF discretion		Standard	Title	Level	Int/ Ext	Credits	Lit	Num	
COURSE DESCRIPTION: History connects students with the wider world. Students engage with history at personal, local and international levels. They investigate the histories of their communities, New Zealand and the wider world. NZ in the 20th Century Student Choice Topics The World since 800AD eg Crusaders, French Revolution		91229	Carry ou an inquiry of an historical event or place that is of significance to New Zealanders	2	I	4	L1 R		
		91230	Examine an historical event or place that is of significance to New Zealanders	2	I	5	L1 R		
		91231	Examine sources of an historical event that is of significance to New Zealanders	2	E	4	L1 R/W		
		91232	Interpret different perspectives of people in an historical event that is of significance to New Zealanders	2	I	5	L1 R		
		91233	Examine causes and consequences of a significant historical event	2	E	5	L1 R/W		
		QUALIFICATION to be gained: Entry into Level 3 course. Subject endorsement available		TOTAL CREDITS				23	
CONTACT: MR M CLARK									
This course will have a trip cost. The cost will cover the cost of food, transport and accommodation for the camp/trip. All curriculum costs will be covered by the school.									



SOCIAL SCIENCES LEVEL 2 COURSES CONTd.....

SOCIAL SCIENCES	LEVEL 2	CODE: CLS200						
ENTRY REQUIREMENTS: L1 Literacy plus 10+ credits in L1 HIS, EBS, GEO if no L1 CLS or M Endorsement or HOF discretion								
	Standard	Title	Level	Int/Ext	Credits	Lit	Num	
COURSE DESCRIPTION: Students study the people, places and events of the classical world and how they influence the modern world. Students engage with literature, languages, art, history, science, technology, religion and philosophy. Greek Tragedy Roman Social Life Gladiators Eruption of Mt Vesuvius Pompeian Art and Architecture	91200	Examine ideas and values of the classical world	2	E	4	L1 R/W		
	91201	Examine the significance of features of work(s) of art in the classical world	2	E	4	L1 R/W		
	91202	Demonstrate understanding of significant event in the classical world	2	I	4	L1 R		
	91204	Demonstrate understanding of the relationship between aspects of the classical world and aspects of other cultures	2	I	6	L1 R		
QUALIFICATION to be gained: Entry into Level 3 course. Subject endorsement available					TOTAL CREDITS	18		
CONTACT: MR P OLLIVER								

SOCIAL SCIENCES	LEVEL 2	CODE: ACC200						
ENTRY REQUIREMENTS: 12 Credits at ACC100 or at HOF's discretion								
	Standard	Title	Level	Int/Ext	Credits	Lit	Num	
COURSE DESCRIPTION: Level 2 Accounting students will develop their knowledge to manage the financial affairs and act with integrity for organisations – individuals, whānau, community organisations and local or regional, small or medium entities – that operate accounting subsystems. Processing using MYOB Managing Accounts Receivable Inventory subsystems Interpreting Accounting Information Prepare Statements	91175	Demonstrate understanding of accounting processing using accounting software	2	I	4		Y	
	91176	Prepare financial information for an entity that operates accounting subsystems	2	E	5		Y	
	91177	Interpret accounting information for entities that operate accounting subsystems	2	E	4		Y	
	91179	Demonstrate understanding of an accounts receivable subsystem for an entity	2	I	3		Y	
	91481	Demonstrate understanding of a contemporary accounting issue for decision-making	2	I	4	L1		
QUALIFICATION to be gained: Entry into Level 3 course. Subject endorsement available					TOTAL CREDITS	20		
CONTACT: MR R PETERS								

SOCIAL SCIENCES	LEVEL 2	CODE: ECO200						
ENTRY REQUIREMENTS: L1 Literacy and Numeracy plus 10+ credits L1 EBS or M Endorsement L1 or HOF discretion								
	Standard	Title	Level	Int/Ext	Credits	Lit	Num	
COURSE DESCRIPTION: In Level 2 Economics students will consider how New Zealanders are affected by the economic decision-making of individuals, communities, businesses and government agencies in New Zealand and overseas Analyse Inflation International trade Analyse Economic Growth Use economic models to analyse Unemployment Analyse two contemporary issues using statistical data	91222	Analyse inflation using economic concepts and models	2	E	4	L1 W		
	91223	Analyse international trade using economic concepts and models	2	E	4	L1 W		
	91224	Analyse economic concepts and models	2	E	4	L1 W		
	91225	Analyse unemployment using economic concepts and models	2	I	4	L1 R		
	91227	Analyse how government policies and contemporary economic issues interact	2	I	6	L1 R		
QUALIFICATION to be gained: Entry into Level 3 course. Subject endorsement available					TOTAL CREDITS	22		
CONTACT: MRS J THOMAS								

SOCIAL SCIENCES	LEVEL 2	CODE: BNT200						
ENTRY REQUIREMENTS: Open entry – L1 Literacy recommended								
	Standard	Title	Level	Int/Ext	Credits	Lit	Num	
COURSE DESCRIPTION: In Level 2 Business Enterprise students will have the opportunity to set up and run a small business. It is a great opportunity to test your ideas, realise uniqueness, develop strengths, learn about enterprise and possibly make a profit. At the same time, you will earn a qualification in business practice and gain valuable practical experience. In Business Enterprise you will work as part of your own company.	90844	Demonstrate understanding of how a large business responds to external factors	2	E	4	L1		
	90846	Conduct market research for a new or existing product	2	I	3	L1		
	90847	Investigate the application of motivation theory in a business	2	I	3	L1	Y	
	90848	Carry out, review and refine a business activity within a community context with guidance	2	I	9	L1		
QUALIFICATION to be gained: Entry into Level 3 course. Subject endorsement available					TOTAL CREDITS	19		
CONTACT: MR R PETERS								



SOCIAL SCIENCES LEVEL 3 COURSES

SOCIAL SCIENCES		LEVEL 3		CODE: GEO300					
ENTRY REQUIREMENTS: UE Literacy and L1 Numeracy plus 10+ credits GEO200 If no GEO200 → 10+ credits HIS200, ECO200, CLS200 or M endorsement or HOF discretion		Standard	Title	Level	Int/Ext	Credits	Lit	Num	
COURSE DESCRIPTION: At Level 3 this course focusses on a small number of geographic case studies and ask students to comprehensively study the patterns, processes and interactions that take place within those environments. The Wairau Valley Tourism Geographic Skills Contemporary Geographic Issue Global Geographic Study Research Project		91426	Demonstrate understanding of how interacting natural processes shape a New Zealand geographic environment	3	E	4	L1 R/W		
		91427	Demonstrate understanding of how a cultural process shapes geographic environment(s)	2	E	4	L1 R/W		
		91428	Analyse a significant contemporary event from a geographic perspective	3	I	3	L1 R		
		91429	Demonstrate understanding of a given environment(s) through selection and application of geographic concepts and skills	3	E	4	L1 R/W		
		91430	Conduct geographic research with consultation	3	I	5	L1	Y	
		91431	Analyse aspects of a contemporary geographic issue	3	I	3	L1 R		
		91432	Analyse aspects of a geographic topic at a global scale	3	I	3	L1 R		
				TOTAL CREDITS				26	
CONTACT: MR M THORNLEY / MR C GRAGE									
This course will have a trip cost. The cost will cover the cost of food, transport and accommodation for the camp/trip. All curriculum costs will be covered by the school.									

SOCIAL SCIENCES		LEVEL 3	CODE: HIS300					
ENTRY REQUIREMENTS: UE Literacy, 10+ credits HIS200 or 10+ credits in ONE of CLS200, GEO200, ECO200 or HoF discretion		Standard	Title	Level	Int/Ext	Credits	Lit	Num
COURSE DESCRIPTION: Students develop their understanding of the nature of historical inquiry. They learn to ask and answer important questions, evaluate evidence, identify and analyse different interpretations of the past, and substantiate their arguments and judgements. New Zealand in the 19th Century US Civil War Student Choice Topic QUALIFICATION to be gained: Subject Endorsement available in this course and it is an Approved University Entrance Subject.								
		91434	Research an historical event or place of significance to New Zealanders, using primary and secondary sources	3	I	5	L1 R	
		91435	Analyse an historical event, or place, of significance to New Zealanders	3	I	5	L1 R	
		91436	Analyse evidence relating to an historical event of significance to New Zealanders	3	E	4	L1 R/W	
		91437	Analyse different perspectives of a contested event of significance to New Zealanders	3	I	5	L1 R	
		91438	Analyse the causes and consequences of a significant historical event	3	E	6	L1 R/W	
			TOTAL CREDITS					25
CONTACT: MR M CLARK								
This course will have a trip cost. The cost will cover the cost of food, transport and accommodation for the camp/trip. All curriculum costs will be covered by the school.								

SOCIAL SCIENCES		LEVEL 3		CODE: CLS300					
ENTRY REQUIREMENTS: UE Literacy plus 10+ credits in CLS200 or HIS200, ECO200, GEO200 or M endorsement or HOF discretion		Standard	Title	Level	Int/ Ext	Credits	Lit	Num	
COURSE DESCRIPTION: Students explore community, cultural identity, values and perspectives and think about human behaviour and relationships to appreciate the civilisation of ancient Greece and Rome, the past, the present, and possible futures. Augustus / Alexander The Great Roman Art and Architecture Greek Comedy / The Aeneid The Roman World QUALIFICATION to be gained: Subject Endorsement available in this course and it is an Approved University Entrance Subject.		91395	Analyse the significance of a work(s) of art in the classical world	3	E	4	L1 R/W		
		91396	Analyse the impact of a significant historical figure on the classical world	3	E	6	L1 R/W		
		91397	Demonstrate understanding of significant ideology(ies) in the classical world	3	I	6	L1 R		
		91398	Demonstrate understanding of the lasting influences of the classical world on other cultures across time	3	I	6	L1 R		
						TOTAL CREDITS		22	
CONTACT: MR P OLLIVER									

SOCIAL SCIENCES		LEVEL 3	CODE: ACC300					
ENTRY REQUIREMENTS: 12 credits in ACC200 or at HOF's discretion				Level	Int/ Ext	Credits	Lit	Num
		Standard	Title					
COURSE DESCRIPTION: Level 3 Accounting students will develop their knowledge to manage the financial affairs of individuals, whanau, and small, medium or large entities, including community organisations, that may be local, regional, national or global, to enable internal users to make effective and ethical decisions Understanding of Partnerships Preparing Financial Statements Decision Making Job Cost Subsystems Interpreting Annual reports QUALIFICATION to be gained: Subject Endorsement available in this course and it is an Approved University Entrance Subject.		91405	Demonstrate understanding of accounting for partnerships	3	I	4		Y
		91406	Demonstrate understanding of company financial statement preparation	3	E	5		Y
		91407	Prepare a report for an external user that interprets the annual report of a New Zealand reporting entity	3	I	5	L1 R/W	Y
		91408	Demonstrate understanding of management accounting to inform decision-making	3	E	4	L1	Y
		91409	Demonstrate understanding of a job cost subsystem for an entity	3	I	4	L1	Y
		TOTAL CREDITS				22		
CONTACT: MR R PETERS								

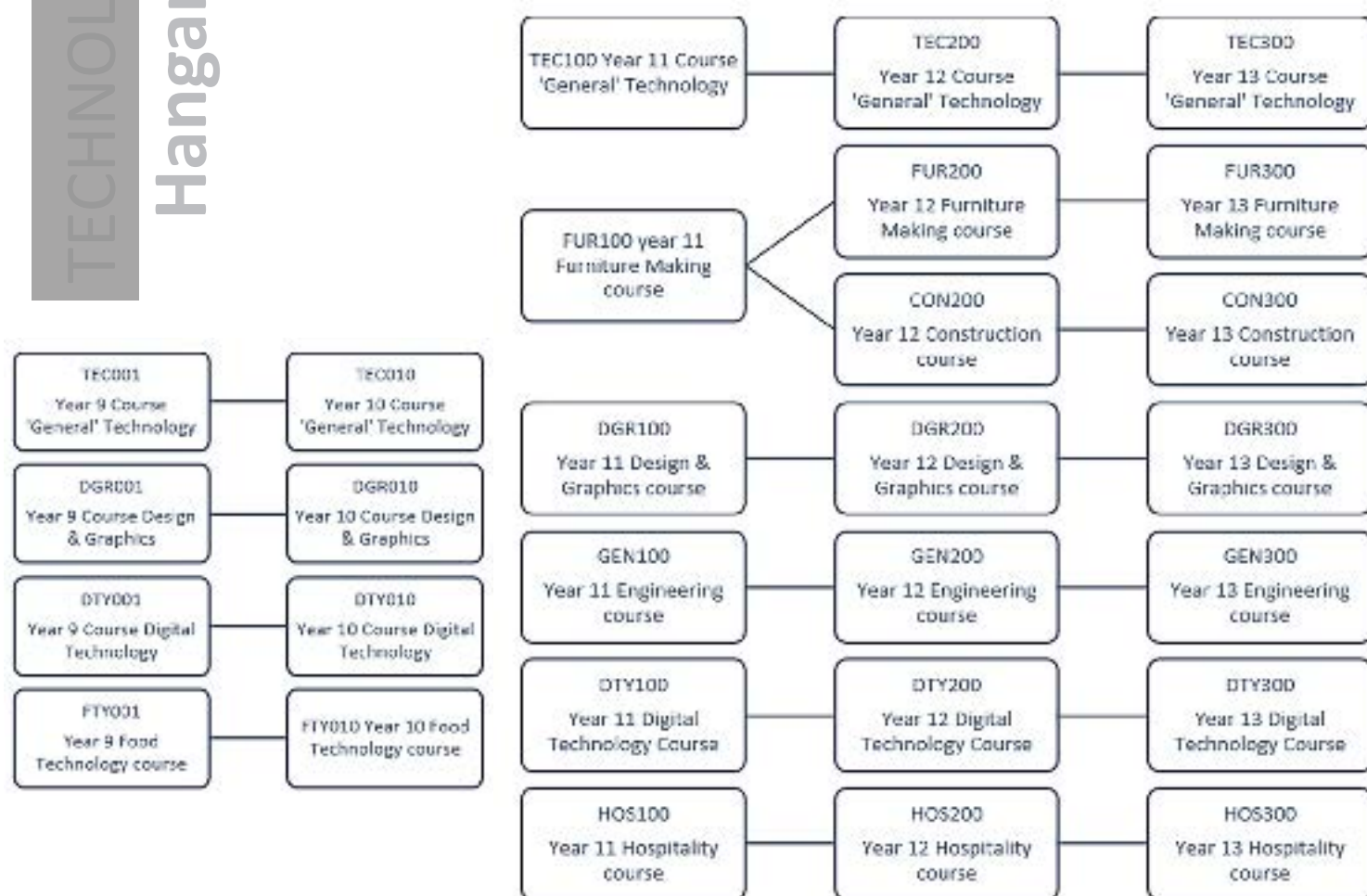
SOCIAL SCIENCES		LEVEL 3		CODE: ECO300					
ENTRY REQUIREMENTS: UE Literacy, L1 Numeracy 10+ credits L2 ECO or M Endorsement or HOF discretion				Level	Int/ Ext	Credits	Lit	Num	
		Standard	Title						
COURSE DESCRIPTION: In Level 3 Economics, students will compare and contrast economic decisions affecting New Zealand in contexts in which resources are scarce and use analytical tools to present justified recommendations about resource issues. Understand market Equilibrium Efficiency of different market structures Micro economic concepts Demonstrate understanding of Government intervention to correct market failures QUALIFICATION to be gained: Subject Endorsement available in this course and it is an Approved University Entrance Subject.		91399	Demonstrate understanding of the efficiency of market equilibrium	3	E	4	L1 R/W		
		91400	Demonstrate understanding of the efficiency of market structures using marginal analysis	3	E	4	L1 R/W		
		91401	Demonstrate understanding of micro-economic concepts	3	I	5	L1 R		
		91402	Demonstrate understanding of government interventions to correct market failures	3	I	5	L1 R		
						TOTAL CREDITS		18	
CONTACT: MR M THORNLEY									

SOCIAL SCIENCES		LEVEL 3		CODE: BNT300					
ENTRY REQUIREMENTS: Open entry – L1 Literacy recommended				Level	Int/ Ext	Credits	Lit	Num	
COURSE DESCRIPTION: In Level 3 Business Enterprise students will have the opportunity to set up and run a small business. It is a great opportunity to test your ideas, realise uniqueness, develop strengths, learn about enterprise and possibly make a profit. At the same time, you will earn a qualification in business practice and gain valuable practical experience. In Business Enterprise you will work as part of your own company. QUALIFICATION to be gained: Subject Endorsement available in this course and it is an Approved University Entrance Subject.		Standard	Title						
		91380	Demonstrate understanding of strategic response to external factors by a business that operates in a global context.	3	E	4	L1 R/W		
		91382	Develop a marketing plan for a new or existing product	3	I	6	L1 R		
		91383	Analyse a human resource issue affecting businesses	3	I	3	L1 R		
		91384	Carry out, with consultation, an innovative and sustainable business activity	3	I	9	L1 R		
		TOTAL CREDITS					22		
CONTACT: MR R PETERS									

We are developing a system of learning that can continually adapt to the needs of the society in which we live and the wider world. · We need our students and staff to be thoughtful of self and others, resilient, creative, and adaptable. · Students are encouraged to be responsible for their learning and actively strive to make their best efforts

Teachers personalise teaching strategies where-ever possible / practicable to assist each student enrich and progress their learning journey

To be Confident, Curious, and Creative. To be Confident to work with tools and make mistakes and find out what does not work. To be Curious and hungry for knowledge, to learn on their own, to find out what knowledge they need to know, whether by testing or research. To be creative to use knowledge to solve problems



HOSPITALITY & FOOD

HOSPITALITY	LEVEL 1	CODE: HOS100					
ENTRY REQUIREMENTS: Open entry			Level	Int/Ext	Credits	Lit	Num
COURSE DESCRIPTION: Both Level 1 and Level 2 Unit Standards. For students who wish to expand their passion for food and explore a range of recipes demonstrating the standard needed in a commercial kitchen. This course enables students to master the skills needed to prepare meals independently. Finger foods; wontons, quiche, satay, sushi Meat cookery: Beef, Pork, Chicken, Lamb, Game International dishes. Choice of recipes Bake cakes, sponges & scones Knowledge and skills; baking, frying & grilling Restaurant work and competitions	Standard	Title					
	15919	Prepare and present hot finger food in the hospitality industry	1	I	2		
	15920	Prepare and present sauce and soup in the hospitality industry	1	I	2		
	15921	Prepare and cook a cake, a sponge and a batch of scones in the hospitality industry	1	I	3		
	21059	Demonstrate knowledge of knife care, use, storage and carrying for the hospitality industry	1	I	2		
	15895	Demonstrate knowledge of boiling and baking in the commercial catering industry	1	I	3		
	15896	Demonstrate knowledge of frying and grilling in the commercial catering industry	1	I	3		
	167	Practise Food safety methods in a food business	1	I	4		
	21057	Prepare, construct and garnish mocktails for the hospitality industry	1	I	2		
					TOTAL CREDITS	21	
CONTACT: MRS C BROWN							

HOSPITALITY	LEVEL 2	CODE: HOS200					
ENTRY REQUIREMENTS: Open entry			Level	Int/Ext	Credits	Lit	Num
COURSE DESCRIPTION: Both Level 1 and Level 2 Unit Standards. For students who wish to expand their passion for food and explore a range of recipes demonstrating the standard needed in a commercial kitchen. This course enables students to master the skills needed to prepare meals independently. Recipes include: mixed grill, Thai beef salad, desserts & breads International dishes Microwaving, steaming, grilling, roasting Frying, baking, deep frying, boiling, salads Barista and catering for events Mystery box and national cookery competitions Field trip: Butchery, herb industry, caterer, bar service, winery luncheon	Standard	Title					
	13284	Clean food production areas and equipment	2	I	2		
	167	Practise food safety methods in a food business	2	I	4		
	13278	Cook food items by roasting	2	I	2		
	13271	Cook food items by frying	2	I	2		
	13280	Prepare fruit and vegetable cuts	2	I	2		
	13281	Prepare and present basic sandwiches for service	2	I	2		
	13285	Handle and maintain knives in a commercial kitchen	2	I	2		
	22234	Compare characteristics of international dishes and prepare and present international dishes	2	I	4		
	24526	Apply safe working practices in a commercial kitchen	2	I	4		
					TOTAL CREDITS	24	
CONTACT: MRS C BROWN							

HOSPITALITY	LEVEL 3	CODE: HOSP300					
ENTRY REQUIREMENTS: Open entry			Level	Int/Ext	Credits	Lit	Num
COURSE DESCRIPTION: This professional cookery course reduces the amount of apprenticeship and polytechnic training required to complete tertiary qualifications. The emphasis is on practical cookery. Recipes are prepared and presented competently. Cocktail food, pies, breads, biscuits Pickles and sauces for meat and meals Complex sandwiches, paninis and BLT Hospitality industry experience, competitions Plan and manage restaurant and catering Field trip: Industries; chocolate, coffee, catering processes at a hospital	Standard	Title					
	167	Practise food safety methods in a food business	2	I	4		
	13282	Prepare, assemble and present complex sandwiches for service in a commercial kitchen	3	I	2		
	13331	Prepare and cook pickles, chutneys and preserves in a commercial kitchen	3	I	4		
	13343	Demonstrate knowledge or basic nutrition in commercial catering	3	I	5		
	168	Demonstrate knowledge of food contamination hazards and control methods used in a food business	3	I	4		
	13285	Handle and maintain knives in a commercial kitchen	2	I	4		
					TOTAL CREDITS	23	
CONTACT: MRS C BROWN							

FURNITURE MAKING

FURNITURE		LEVEL 1	CODE: FUR100						
ENTRY REQUIREMENTS: Open entry		Standard	Title	Level	Int/ Ext	Credits	Lit	Num	
COURSE DESCRIPTION:		12927	Identify, select, maintain and use hand tools for BCATS projects	2	I	6			
This course is aimed at developing fine woodworking skills through the production of a number of projects. The focus of the course is hands-on and practical. Year 11 students can choose this course as a prelude to FUR200/CON200 in the following year. Design principles of aesthetics and function Woodworking skills Joinery Furniture construction		24352	Demonstrate and apply knowledge of safe working practices and use PPE during the construction of a BCATS project	1	I	2			
		24355	Demonstrate knowledge of construction and manufacturing materials used in BCATS projects	1	I	8			
		25919	Use hardware and fastenings for a BCATS	1	I	2			
		24366	Apply elementary procedures and processes for a BCHTS project	1	I	8			
					TOTAL CREDITS			26	
		CONTACT: MR R ERIKSON							

FURNITURE		LEVEL 2	CODE: FUR200					
ENTRY REQUIREMENTS: 12 credits from Level 1 Furniture Making or by Head of Faculty approval.		Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: This course will suit students who wish to develop a range of practical woodwork skills to a high standard. Woodworking skills Designing then making Design principles of aesthetics and function Furniture construction		24351	Demonstrate knowledge of and use specified fixed machinery in the construction of BCATS projects	2	I	6		
		24354	Demonstrate knowledge of an apply safe working safe working practices in a BCATS environment	2	I	4		
		24360	Demonstrate of timber and other construction materials used in BCATS projects	2	I	5		
		25921	Make a cupboard as a BCATS project	2	I	6		
				TOTAL CREDITS				21
CONTACT: MR R ERIKSON								

FURNITURE		LEVEL 3	CODE: FUR300						
ENTRY REQUIREMENTS: 12 Credits from Level 2 Furniture or by Head of Faculty approval									
			Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: This course will appeal to students who are interested in building and construction or furniture making either as a hobby or career option. Woodworking skills Furniture-making skills and building knowledge Designing then making Design principles of aesthetics and function Furniture construction			14998	Construct isometric and oblique drawings for use in furniture making	3	I	4		
			25524	Apply stains to furniture surfaces using wiping methods	3	I	3		
			25533	Assemble non-show wood lounge chair or settee frames	3	I	5		
			25537	Set a bandsaw to cut furniture components	3	I	4		
				TOTAL CREDITS					
CONTACT: MR R ERIKSON									

All Furniture courses will have a materials cost for students. All curriculum costs will be covered by the school.



CONSTRUCTION

CONSTRUCTION		LEVEL 2	CODE: CON200					
ENTRY REQUIREMENTS: 10 credits from FUR100 or HOF Approval		Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: A practical “hands on” course for acquiring the skills and experience of the construction Industry. The course works towards National Certificate in Building, Construction and Allied Trades Skills Level 2. Picnic table construction Fence and gate construction Step Ladder Construction		12032	Construct timber garden furniture and items of basic construction equipment as a BCATS project	2	I	8		
		24350	Identify, select, maintain and use portable power tools for BCATS projects	2	I	6		
		24357	Receive instructions and communicate information in relation to BCATS projects	2	I	4		
		24358	Plan and monitor the construction of a BCATS project and quality check the product	2	I	2		
					TOTAL CREDITS			20
CONTACT: MR M RAINBIRD								

CONSTRUCTION		LEVEL 3	CODE: CON300					
ENTRY REQUIREMENTS: 10 credits from CON200 or by interview with HOF		Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: This course builds on the experience gained during CON200. Students will be involved in a range of projects, individually and/or as part of a team. This great stepping stone into a building apprenticeship.		29677	Follow safe workshop practices, and contribute to a health and safety culture, in a BCATS environment	3	I	2		
		29680	Communication and work collaboratively in a Stage 3 BCATS project	3	I	5		
		29684	Undertake a Stage 3 BCATS project	3	I	12		
			TOTAL CREDITS					19
CONTACT: MR M RAINBIRD								
All Construction courses will have a materials cost for students. All curriculum costs will be covered by the school.								



ENGINEERING

ENGINEERING		LEVEL 2	CODE: GEN201					
ENTRY REQUIREMENTS: Open entry Entry Level Course for Y11 students			Level	Int/ Ext	Credits	Lit	Num	
	Standard	Title						
COURSE DESCRIPTION: The course is designed to allow students considering engineering occupations an opportunity to gain credits towards the National Certificate of Engineering (Mechanical Level 2). Engineering hand tools. Simple engineering marking out tools Introduction to engineering machine tools Introduction to engineering materials	2432	Manually construct plane geometric shapes for engineering	2	I	3			
	22923	Demonstrate basic engineering workshop skills under close supervision	1	I	12			
	21911	Demonstrate knowledge of safety on engineering worksites	1	I	2			
	20917	Demonstrate basic knowledge of engineering materials	2	I	2			
	4433	Manually construct plane geometric shapes for engineering	2	I	2			
		TOTAL CREDITS				21		
CONTACT: MR C TOWNSEND								

ENGINEERING		LEVEL 2	CODE: GEN202						
ENTRY REQUIREMENTS: 10 credits GEN201 or by arrangement with Head of Faculty					Level	Int/ Ext	Credits	Lit	Num
			Standard	Title					
COURSE DESCRIPTION: The course is designed to allow students considering engineering occupations an opportunity to gain credits towards the National Certificate of Engineering (Mechanical Level 2). Engineering power tools Complex measuring devices Engineering machine tools (Lathe-Mill-Drill) Engineering materials			2430	manually produce and interpret engineering sketches under supervision	2	I	4		
			2431	Manually produce and interpret simple engineering components drawing under supervision	2	I	8		
			21908	Demonstrate knowledge of basic mechanics for mechanical trades	2	I	3		
			29673	Apply good work practices when performing basic mechanical engineering machining operations under supervision	1	I	6		
				TOTAL CREDITS					21
CONTACT: MR C TOWNSEND									



ENGINEERING		LEVEL 3	CODE: GEN300					
ENTRY REQUIREMENTS: 12 Level 1 or 2 Engineering credits or by Head of Faculty approval		Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: The course is designed to allow students considering engineering occupations an opportunity to gain further credits towards the National Certificate of Engineering (Mechanical Level 2). Engineering hand tools Complex measuring devices Oxyacetylene welding Brazing and soldering		20799	Demonstrate knowledge of common engineering metals	3	I	4		
		4797	Demonstrate knowledge of composition of common engineering metals	3	I	5		
		21907	Demonstrate and applying knowledge of safe welding principles and quality assurance under supervision	3	I	4		
		21910	Interpret mechanical engineering drawings	3	I	5		
		2387	Assemble mechanical components under supervision	2	I	2		
			TOTAL CREDITS					20
CONTACT: MR C TOWNSEND								
All Engineering courses will have a materials cost for students. All curriculum costs will be covered by the school.								

DIGITAL TECHNOLOGY

DIGITAL TECHNOLOGY	LEVEL 1	CODE: DTY100						
ENTRY REQUIREMENTS: Open entry	Standard	Title	Level	Int/Ext	Credits	Lit	Num	
COURSE DESCRIPTION: This is a general course designed for those planning to progress in business computing, computer science or information management. Spread sheeting Word processing Desktop publishing Integrate pictures, music and text Scratch programming and planning, Computer Science	91878	Develop a design for a digital outcome	1	I	3	L1		
	91879	Develop a digital outcome to manage data	1	I	4	L1		
	91885	Demonstrate understanding of searching and sorting algorithms	1	I	3	L1		
	91883	Develop a computer program	1	I	4	L1		
	91886	Demonstrate understanding of human computer interaction	1	I	3	L1		
	91887	Demonstrate understanding of compression coding for a chosen media type	1	E	3	L1		
	QUALIFICATION to be gained: Entry into Level 2 course. Subject endorsement available		TOTAL CREDITS			20		
CONTACT: MRS N SEARLE								

DIGITAL TECHNOLOGY	LEVEL 2	CODE: DTY200						
ENTRY REQUIREMENTS: 8 credits in DTY100 or MED100 by end Term 2 or by approval from Head of Faculty	Standard	Title	Level	Int/Ext	Credits	Lit	Num	
COURSE DESCRIPTION: This is a general course designed for those planning to progress in business computing or tertiary study. Database Text Processing Desktop publishing Programming with Python Plan a computer program Computer Science QUALIFICATION to be gained: Entry into Level 3 course. Subject endorsement available	91892	Use advanced techniques to construct a database	2	I	4			
	91897	Use advanced processes to develop a digital technologies outcome	2	I	6			
	91896	Use advanced programming techniques to develop a computer program	2	I	6			
	91898	Demonstrate understanding of a computer science concept	2	E	3			
		TOTAL CREDITS				19		
CONTACT: MRS N SEARLE								

DIGITAL TECHNOLOGY		LEVEL 3		CODE: DTY300				
ENTRY REQUIREMENTS: 8 credits in DTY200 or MED200 by end Term 2 or by approval from Head of Faculty		Standard	Title	Level	Int/Ext	Credits	Lit	Num
COURSE DESCRIPTION: This is a general course designed for those planning to progress in business computing or tertiary study.		91902	Use complex techniques to construct a database	3	I	4		
		91907	Use complex processes to develop a digital technologies outcome	3	I	6		
		91906	Use complex programming techniques to develop a computer program	3	I	6		
		91908	Analyse an area of computer science	3	E	3	L1	
QUALIFICATION to be gained: University Entrance and possible course endorsement			TOTAL CREDITS				19	
CONTACT: MRS N SEARLE								



DESIGN & GRAPHICS



DESIGN & GRAPHICS		LEVEL 1	CODE: DGR100						
ENTRY REQUIREMENTS: Open entry, but DGR010 very strongly advised									
		Standard	Title	Level	Int/Ext	Credits	Lit		Num
COURSE DESCRIPTION: A Design Course for students wishing to pursue a career and further study in architecture, spatial design, product design, engineering or other design fields. Freehand Design Sketching 3D Computer Design and Modelling Design Presentation Design Development Design Principles and Elements Influential Designers of the 20th Century		91063	Produce freehand sketches that communicate design ideas	1	E	3			
		91066	Use rendering techniques to communicate the form of design ideas	1	I	3			
		91067	Use the work of an influential designer to inform design ideas	1	I	3			
		91068	Undertake development of design to ideas through graphics practice	1	I	6			
		91069	Promote an organised body of design work to an audience using visual communication techniques	1	I	4	L1		
QUALIFICATION to be gained: Entry into Level 2 course. Subject endorsement available			TOTAL CREDITS				19		
CONTACT: MR M RAINBIRD									

DESIGN & GRAPHICS		LEVEL 2	CODE: DGR200						
ENTRY REQUIREMENTS: 8 credits from DGR100 or by Head of Faculty approval									
		Standard	Title	Level	Int/ Ext	Credits	Lit	Num	
COURSE DESCRIPTION: A Design Course for students wishing to pursue a career and further study in architecture, spatial design, product design, engineering or other design fields Freehand Design Sketching 3D Computer Design and Modelling Design Presentation Spatial Design Development Product Design Development Design Evaluation Design movement throughout history		91337	Use visual communication techniques to generate design ideas	2	E	3			
		91340	Use the characteristics of a design movement or era to inform own design ideas	2	I	3	L1		
		91341	Develop a spatial design through graphics practice	2	I	6	L1		
		91342	Develop a product through graphics practice	2	I	6			
		91343	Use visual communication techniques to compose a presentation of a design	2	I	4			
		QUALIFICATION to be gained: Entry into Level 3 course. Subject endorsement available			TOTAL CREDITS			18	
CONTACT: MR M RAINBIRD									

DESIGN & GRAPHICS		LEVEL 3	CODE: DGR300					
ENTRY REQUIREMENTS: 10 credits from DGR200 or by Head of Faculty approval								
		Standard	Title	Level	Int/Ext	Credits	Lit	Num
COURSE DESCRIPTION: A Design Course for students wishing to pursue a career and further study in architecture, spatial design, product design, engineering or other design fields. Freehand Design Sketching 3D Computer Design and Modelling Design Presentation Spatial Design Development Product Design Development Initiating design ideas Subject Endorsement available in this course and it is an Approved University Entrance Subject.		91627	Initiate design ideas through exploration	3	E	4		
		91628	Develop a visual presentation that exhibits a design outcome to an audience	3	I	6		
		91629	Resolve a spatial design through graphics practice	3	I	6		
		91630	Resolve a product design through graphics practice	3	I	6		
			TOTAL CREDITS					22
CONTACT: MR M RAINBIRD								

TECHNOLOGY

TECHNOLOGY	LEVEL 1	CODE: TEC100						
ENTRY REQUIREMENTS: Open entry	Standard	Title	Level	Int/ Ext	Credits	Lit	Num	
COURSE DESCRIPTION: This course is for students wanting to develop their innovative skills. It involves using and developing their creativity, knowledge and skills to solve practical problems. Brief development. Planning tools Design principles of aesthetics and function Testing, trialling, modelling and prototyping Outcome development and evaluation QUALIFICATION to be gained: Entry into Level 2 course. Subject endorsement available	91046	Use design ideas to produce a conceptual design for an outcome to address a brief	1	I	6			
	91047	Undertake development to make a protypte to address a brief	1	I	6			
	91048	Demonstrate understanding of how technological modelling supports decision-making	1	E	4	L1		
	91057	Implement basic procedures using resistant materials to make a specified product	1	I	6			
		TOTAL CREDITS				22		
CONTACT: MR M RAINBIRD								

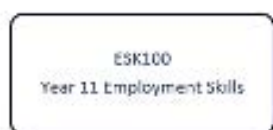
TECHNOLOGY		LEVEL 2	CODE: TEC200					
ENTRY REQUIREMENTS: 14 Level 1 Technology credits		Standard	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: This course is for students wanting to develop their innovative skills. It involves using and developing their creativity, knowledge and skills to solve practical problems. Brief development. Planning tools Design principles of aesthetics and function Testing, trialling, modelling and prototyping Outcome development and evaluation		91344	Implement advanced procedures using resistant materials to make a specified product with special features	2	I	6		
		91356	Develop a conceptual design for an outcome	2	I	6		
		91357	Undertake effective development to make and trial a prototype	2	I	6		
		91358	Demonstrate understanding of how technological modelling supports risk management	2	E	4	L1	
		QUALIFICATION to be gained: Entry into Level 3 course. Subject endorsement available			TOTAL CREDITS			22
CONTACT: MR M RAINBIRD								



TECHNOLOGY	LEVEL 3	CODE: TEC300						
ENTRY REQUIREMENTS: 14 Level 2 Technology credits	Standard	Title	Level	Int/ Ext	Credits	Lit	Num	
COURSE DESCRIPTION: This course is for students wanting to develop their innovative skills. It involves using and developing their creativity, knowledge and skills to solve practical problems. Brief development. Planning tools Design principles of aesthetics and function Testing, trialling, modelling and prototyping Outcome development and evaluation Subject Endorsement available in this course and it is an Approved University Entrance Subject.	91610	Develop a conceptual design considering fitness for purpose in the bradset sense	3	I	6	L1		
	91611	Develop a prototype considering fitness for purpose in the broadest sense	3	I	6	L1		
	91612	Demonstrate understanding of how technological modelling supports development and imple- mentation	3	E	4	L1 W		
	91620	Implement complex procedures to integrate parts using resistant materials to make a specified product	3	I	6			
		TOTAL CREDITS				22		
CONTACT: MR M RAINBIRD								
All Furniture courses will have a materials cost for students. All curriculum costs will be covered by the school.								

Courses offered within this faculty are designed to specifically target and support students aiming to enter the work force. It focuses on building key skills. A graduate from one of these courses will have developed the ability to:

- Manage their own learning.
- Work independently.
- Make informed decisions.
- Research careers and plan a pathway.
- Understand the basic requirements of being a good employee.
- To complete the job application process.
- To be confident, motivated and can manage themselves.
- Understand their responsibilities for maintaining Health & Safety in the workplace.



Ngā ara mahi, ngā ara mātauranga

TRANSITION & PATHWAYS

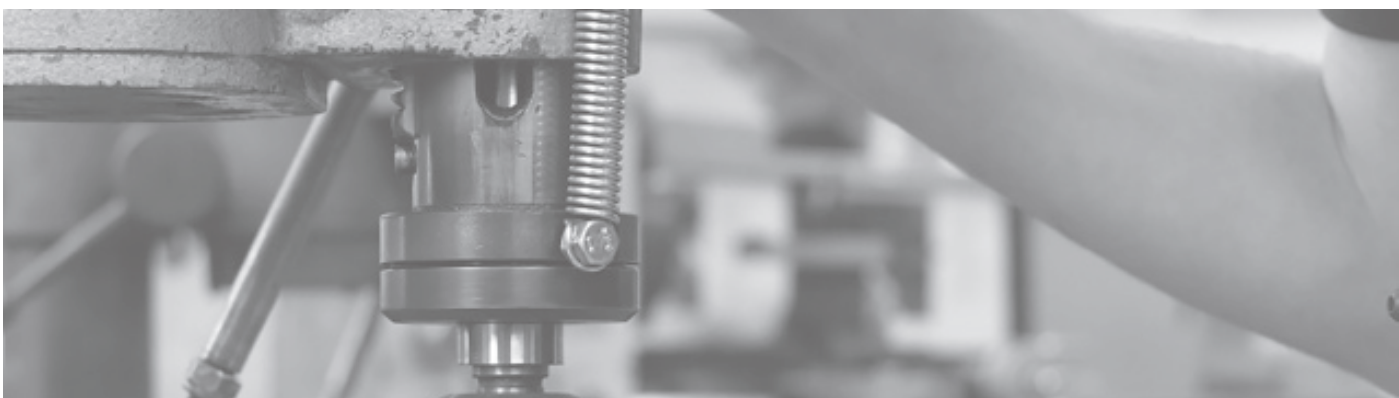
EMPLOYMENT SKILLS		LEVEL 1	CODE: ESK100					
ENTRY REQUIREMENTS: Year 11- Application via Dean only		US	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: A course to provide readiness for employment. All students complete Core Skills Unit Standards at Level 1.		497	Demonstrate knowledge of work-place health and safety requirements	1	I	3		
		30909	Describe how employee behaviours and/or attitudes contribute to positive workplace relationships and performance	1	I	2		
			TOTAL CREDITS				5	
CONTACT: MRS A KIRCHER or MR J BELL								

CAREER DEVELOPMENT		LEVEL 3	CODE: CDV300						
ENTRY REQUIREMENTS: Year 13 STUDENTS - NCEA Level 1 literacy and numeracy			US	Title	Level	Int/ Ext	Credits	Lit	Num
COURSE DESCRIPTION: A course to assist people to develop a career. <i>Students select courses from external providers that match their career interest.</i>			4251	Plan a career pathway + (Other standards)	3	1	2		
				TOTAL CREDITS				2+	
CONTACT: MRS G FLETCHER									

CAREER DEVELOPMENT		LEVEL 2	CODE: CDV200						
ENTRY REQUIREMENTS: Year 12 - NCEA Level 1 literacy and numeracy		US	Title	Level	Int/ Ext	Credits	Lit	Num	
COURSE DESCRIPTION: A course to assist students to develop a career. <i>They select course shared by external providers that match their career intent.</i> <i>Outcome development and evaluation</i>		497	Demonstrate knowledge of work-place health and safety requirements	1	I	3			
		30909	Describe how employee behaviours and/or attitudes contribute to positive workplace relationships and performance	1	I	2			
		12383	Explore career options and their implications	2	I	3			
		4252	Produce a personal targeted CV	2	I	2			
			TOTAL CREDITS					10+	
CONTACT: MRS G FLETCHER									

GATEWAY								
ENTRY REQUIREMENTS: Year12/13 Students who are work ready - Level 1 literacy and numeracy - Subject to Application and Interview	US	Title	Level	Int/ Ext	Credits	Lit	Num	
COURSE DESCRIPTION: An additional programme where students who are in the Career Development Programme work one day per week in the industry of their choice.	497	Demonstrate knowledge of work-place health and safety requirements	1	I	3			
	30909	Describe how employee behaviours and/or attitudes contribute to positive workplace relationships and performance	1	I	2			
	12383	Explore career options and their implications	2	I	3			
	4251	Plan a career pathway	3	I	2			
		TOTAL CREDITS				10		
CONTACT: MRS G FLETCHER								

TRADES ACADEMY - NMIT									
ENTRY REQUIREMENTS: Year 12/13 - Level 1 literacy and numeracy - Application									
COURSE DESCRIPTION: A programme of study undertaken one day a week at Nelson/Marlborough Institute of Technology. Courses Offered: Automotive Engineering Hairdressing Primary Industries									
CONTACT: MRS G. FLETCHER									



TRADES ACADEMY - WHENUAITI									
ENTRY REQUIREMENTS: Year 12/13 - Level 1 literacy and numeracy - Application									
COURSE DESCRIPTION: A programme of study undertaken in block courses at Whenuaiti in Motueka. Courses offered: Manaaki tāpoi Level 2 Manaaki tāpoi Level 3 Uniformed Services Level 12 Civil Defence Emergency Response Level 3 Service Industry Internship Level 3									
CONTACT: MRS G FLETCHER									

