



Kerikeri High School
Year 11, 12 & 13

CURRICULUM GUIDE FOR 2018

OPTION EVENING
Thursday 17 August 2017
4pm – 7pm
Years 8, 9, 10, 11, 12
ALL WELCOME

Hone Heke Road
PO Box 92
Kerikeri
NEW ZEALAND
Telephone: (09) 407-8916
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KERIKERI HIGH SCHOOL CURRICULUM 2018 *Full Guide Available at <http://kkhsnews.wordpress.com/>*

Learning areas	YEAR 7 & 8	YEAR 9	YEAR 10	YEAR 11	YEAR 12	YEAR 13
ENGLISH & LANGUAGES	English Spanish Māori Studies	English Spanish Māori Studies	English Māori Studies Spanish	English Modular English Spanish – Beginner Spanish – Advanced Māori Studies	English Modular English Māori Studies Spanish	English Literature English Media Theory Māori Studies Spanish
MATHEMATICS	Mathematics	Mathematics	Mathematics	Mathematics & Statistics Mathematics & Statistics - Internally Assessed	Mathematics with Statistics & Calculus Mathematics with Statistics	Calculus Statistics
SCIENCE	Science	Science	Science	Science – General Science – Internally Assessed Science – Biological Science – Physical (Students may take just one of these or Biological & Physical Science together)	Biology Chemistry Physics Science	Biology Chemistry Physics
SOCIAL SCIENCE	Social Studies	Enterprise & Business History Social Studies	Business & Economics History Social Studies	Economics & Business Business Management Geography History Social Studies	Business & Management Economics Geography History Social Studies	Business & Management Economics Geography History Social Studies
HEALTH & PHYSICAL WELLBEING	Health Physical Education	Health Physical Education	Health Physical Education	Physical Education Physical Education – Advanced	Outdoor Education Physical Education Physical Education – Advanced	Physical Education Physical Education – Advanced
TECHNOLOGY	Life Technology Technology	Food Studies Design & Visual Communication Digital Technologies Technology	Food Studies Design & Visual Communication Digital Technologies Technology	Design & Visual Communication Digital Technologies Hospitality Technology – Engineering Technology – Practical (Design & Make) Technology – Systems and Control	Automotive Design & Visual Communication Digital Technologies – Essentials Digital Technologies – Advanced Hospitality Human Development Technology – Engineering Technology – Practical (Design & Make)	Automotive Design & Visual Communication Digital Technologies Hospitality – Essentials Hospitality – Advanced Human Development Technology
ARTS	Art Music	Art Drama Music	Art Drama Music	Art (Visual Art) Art (Design & Image) Drama Music	Art (Design) Art (Painting) Art (Photography) Drama Performing Arts Technology Music	Art (Design) Art (Painting) Art (Photography) Drama Music Performing Arts Technology
STUDENT SUPPORT SERVICES					Rural Studies Tourism	Rural Studies Tourism

Compulsory subjects are in bold

Year 11: Students must take an **English** and a **Mathematics** and at least one **Science** subject in Year 11.

Year 12: Students must study **Level 1 English** or **Level 2 English**

UNIVERSITY ENTRANCE

Students will need to complete all the following to be awarded University Entrance:

- ✓ Pass NCEA Level 3
- ✓ Achieve 14 credits at Level 3 in achievement standards in each of three subjects from the list of approved subjects
- ✓ Achieve UE numeracy – 10 credits at Level 1 or above, either from specific achievements standards, or from three specific numeracy unit standards
- ✓ Achieve UE literacy – 10 credits (five in reading and five in writing) at Level 2 and above from specific standards

The following courses offered at Kerikeri High School have at least 14 University Entrance Approved credits:

Art Design	English Media
Art Painting	Geography
Art Photography	History
Biology	Human Development
Business and Management	Māori Studies
Calculus	Music
Chemistry	Physical Education
Dance	Physical Education - Advanced
Design and Visual Communication	Physics
Digital Technologies	Social Studies
Drama	Spanish
Economics	Statistics
English Literature	Technology

Students with an intention of going to University should seek advice as to the composition of their course.

- University Entrance is the minimum requirement for entry to university courses, and does not guarantee acceptance.
- There are additional requirements for enrolment to some institutions and courses. Students should check specific requirements and seek advice.
- For example, the University of Auckland will require that applicants must have gained a minimum of 17 credits in English at Level 2 or 3.

- In addition, some universities are setting a Ranked Entry Score in order to gain entrance into some or all courses. From a student's best 80 credits over a maximum of 5 approved subjects, and a maximum of 24 credits in one subject, the student will be awarded:

Excellence = 4 points	E.g. a student who receives Merit on a 5 credit achievement standard receives 15 points (5 credits x 3 points).
Merit = 3 points	
Achieved = 2 points	

E.g. To study Commerce at the University of Otago you need a minimum of 150 points.

E.g. To study Biomedical Science at the University of Auckland you need a minimum of 280 points.

NOTE: Some universities require you to study certain Level 3 subjects to get into their courses.

This could be one from each of these columns or a combination of any 3 listed below.

A (high writing subject)	B (analytical subject)
English	Biology
Geography	Calculus
History	Chemistry
Te Reo Maori	Digital Technologies
	Economics
	Physics
	Statistics

OUR ADVICE – KEEP A WIDE RANGE OF SUBJECTS IF UNIVERSITY IS AN OPTION – HAVE AT LEAST 4 APPROVED SUBJECTS.

COURSE CHOICES

For the year we offer a course structure similar to the successful format used over recent years. These courses may comprise a mix of Achievement and Unit Standards.

To ensure you select your courses correctly, you will have to study this booklet very carefully. Before you fill in your first course selection you will have the opportunity to

- discuss your choice with your parents
- attend an Options Evening and information meeting at school

Following this, a Course Counselling Team can meet with students and their parents, if they wish, to discuss this initial choice.

A WORD OF CAUTION

Your ideal course may not be possible for one of the following reasons-

- Insufficient numbers opting for a subject
- Timetabling constraints
- Staffing availability
- You have outstanding subject fees from previous years
- You have not achieved the prerequisites

Checklist:

- Have you carefully read the course prerequisites?
- Have you selected the right number of subjects?
- Have you checked what you need for the next level?
- Do you understand the difference between Unit Standards and Achievement Standards?

Online Student Option Choices

Students are being asked to submit their option choices for 2018 online.

We believe the best choices for each individual will be made through a process involving family, Form Teacher and Dean. With this in mind, our process in 2018 has been streamlined to enable families to gather all the information needed to support a student in making the right choices.

Our Course Guides contain course descriptions and information on any prerequisites needed for courses. Two Parent Evenings early in Term Three will provide opportunities to talk to subject teachers and our Options Evening allows an informal evening where you and your child can chat to our Careers Advisors and Leaders of Learning about subject choices and future pathways.

Once the student portal opens on Monday 14 August, students can enter their option choices from the range of available subjects. Entries can be changed up to ten times before the portal closes for course planning. After this date any changes will need to be made in a meeting with the Year Level Dean.

For our students without email we will be organising meetings with the Year Level Dean who will enter student option choices online with them.

Term Three Options Process

Week 2	Course Guides out Parent Evening : Tuesday 1 August 2017
Week 3	Parent Evening : Wednesday 9 August 2017
Week 4	Options Evening : Thursday 17 August 2017
Weeks 4-5	Student Portal Open for choices
Week 6	Student Portal Closed : 9am Monday 28 August 2017

How does it work?

You will receive an email to the address you selected for correspondence early in Term Three. The email will outline how to enter each student's subject preferences online and will look like the example below.

<u>1</u> Internet Access	<p>You will need a computer with an internet connection and a printer.</p> <p>We recommend using Firefox, you may also use Google Chrome or IE 6.0 and above.</p>
<u>2</u> Log In	<p>Log In to www.selectmysubjects.com.au using:</p> <p style="text-align: center;">Click here to open Web Preferences</p> <p>Student Access Code: KE424-XXXX-7039902</p> <p>Password: XX3HYKZ</p>
<u>3</u> Home Page	<p>To view your subject information click "View Subject Details" at the top right of the screen.</p> <p>To select/change your preferences, click "Add New Preferences" at the top right of the screen.</p>
<u>4</u> Preference Selection	<p>Select your subjects from the drop down lists, you have 30 minutes to do so.</p> <p>Once complete, click "Proceed".</p> <p>Note: You are not finished yet.</p>
<u>5</u> Preference Validation	<p>If you are happy with your preferences click "Submit Valid Preferences" which will open your "Preference Receipt".</p> <p>Or if you would like to make changes to your preferences click "Cancel" and this will take you back to the Preference Selection page.</p>
<u>6</u> Preference Receipt	<p>You can print your "Preference Receipt" by clicking "Open Print View" and clicking "Print Receipt".</p> <p>To continue click "Return to Home Page". If you want to change your preferences, repeat the process by clicking "Add New Preferences", otherwise exit by clicking "Log Out". End of steps.</p>

Kerikeri High School



YEAR 11

CURRICULUM GUIDE FOR 2018

YEAR 11 CURRICULUM GUIDE

THIS BOOKLET TELLS YOU

- What the subject is about
- Any special requirements you need to fulfil to study the subject
- Where the subject can take you

HOW DO YOU DECIDE WHAT SUBJECT TO CHOOSE?

Consider

- How well you have done in a subject so far
- What subjects you have done already
- Your own preference
- Careers interests – through keeping in mind that you need to keep your careers options open

WHO CAN HELP YOU DECIDE?

You will make your initial choice in consultation with your parents. Following this you, and your parents if they wish, will have the opportunity to discuss your choice with a member of a course counselling team.

Other people who may help you decide are subject teachers, Heads of Department, Counsellor, the Careers Advisor, the Deputy Principals and your Dean.

HOW MANY SUBJECTS DO I TAKE?

All Year 11 students must take English, Mathematics, at least one of the Sciences and three other subjects. There are three Science courses available: General, Physical and Biological. You may take just one of these courses, or Physical and Biological together. You may not take General Science and Physical or Biological Science. Students may also be directed to Science Internally Assessed which suits students who perform best by being assessed at the end of a unit of work rather than at the end of the year.

YEAR 11

*In Year 11 all students study **6** subjects*

Most subjects offer up to 24 credits towards NCEA. The number of credits offered is shown in the Assessment Criteria in the Curriculum Guide.

Each student is to take a course in **English, Mathematics and Science** most suited to their ability. Each student will then choose any 3 other subjects provided that they do not choose both Physical Education Advanced and Physical Education.

In order to receive NCEA at Level 1 students need 80 credits at Level 1.

This must include the following -

- * 10 literacy credits
- * 10 numeracy credits

In most subjects some Achievement Standards are internally assessed. This means that assessment is done by the teachers at school during the school year.

Externally assessed achievement standards will usually be assessed by an exam at the end of the year except in practical subjects such as Art, Design & Visual Communication, and Technology where work done in class is submitted for external marking.

Certificate Endorsement

NCEA certificates can be endorsed with ***Merit*** or ***Excellence***.

Merit Endorsement - 50 credits at Merit or better at the level of the certificate

Excellence Endorsement - 50 credits at Excellence at the level of the certificate

Course Endorsement

Courses may be endorsed with Merit or Excellence. This provides recognition for students who perform exceptionally well in individual courses.

Students will gain an endorsement for a course where they achieve:

1. 14 or more credits at ***Merit*** or ***Excellence*** at the lower level that supports the endorsement
2. at least 3 credits from externally assessed standards and 3 credits from internally assessed standards (except for Physical Education and Level 3 Visual Arts)
3. sufficient credits in a single year.

LEVEL 1 SUBJECTS OFFERED IN YEAR 11

- ART - Art (Visual Art)
- ADI - Art (Design and Image)
- MAN - Business Management
- DVC - Design and Visual Communication
- DTC - Digital Technology
- DRM - Drama
- ECO - Economics and Business
- ENG - English
- MOE - Modular English
- GEO - Geography
- HIS - History
- HOS - Hospitality
- MAO - Māori Studies
- MAT - Mathematics & Statistics
- MIA - Mathematics & Statistics Internally Assessed
- MUS - Music
- PED - Physical Education
- PEA - Physical Education – Advanced
- SCI - Science – General
- SIA - Science – General – Internally Assessed
- BSC - Science – Biological
- PSC - Science – Physical
- SST - Social Studies
- SPB - Spanish – Beginner
- SPA - Spanish – Advanced
- TSC - Technology – Systems and Control
- TEM - Technology – Engineering
- TEP - Technology – Practical Technology (Design & Make)

ART – VISUAL ART (ART) - Level 1

SUBJECT STATEMENT

Year 11 Visual Art is a practical course, which gives students the opportunity to express creativity and imagination whilst developing technical skills in traditional art-making processes. Students work with a variety of different media, developing skills in a range of Art materials. They will refine their perceptual skills, develop their creativity in a range of media and advance their technical and critical faculties through creating in-depth and interesting works.

COURSE CONTENT

- Investigating ideas from established practice
- Drawing with both wet and dry media
- Creating work in a range of media
- Producing a body of work informed by established practice that develops ideas using a range of media (External Assessment – Folio Board)
- Producing finished artwork for exhibition

SPECIAL REQUIREMENTS

- Course Contributions : \$50.

ASSESSMENT CRITERIA

- 2 Internal Achievement Standards 8 credits
- 1 External Achievement Standard 12 credits

Please note that students can study both Year 11 Visual Art and Year 11 Design and Image - they will have access to a maximum of 26 credits across both courses.

WHERE DOES IT LEAD?

- NCEA Level 2 and 3 Visual Arts - Design/Painting/Photography
- Beyond secondary school, the study of Visual Arts leads to a broad range of courses and career opportunities in the creative industries, which are becoming progressively more important to economic well-being. The industries of the twenty-first century will depend increasingly, on the generation of ideas and knowledge through creativity and innovation.
- Career pathways in the Visual Arts may include Advertising, Architecture, Artist, Design (Interior, Fashion, Product, Transport and Communication), Signwriting, Software and Gaming Development, Performing Arts, Costume Design, Event Management, Public and Community Arts, Gallery or Museum Curator, Media (Television, Film, Video and Photography) Online Publishing and Development.

FURTHER INFORMATION FROM

Mr Forstner or any member of the Art Department

ART – DESIGN AND IMAGE (ADI)

Level 1

SUBJECT STATEMENT

Design and Image is a practical course that encourages students to explore digital art-making processes. Students will have the opportunity to work with Photography, Design, Animation and Moving Image during the course of the year. They will use a variety of different tools, media and software, refining skills whilst completing a range of creative projects.

COURSE CONTENT

- Investigating ideas and techniques from established practice
- Developing work in more than one field of Visual Arts (Photography and Design)
- Producing a body of work informed by established practice that develops ideas using a range of media (External Assessment – Folio Board or Moving Image)
- Producing a finished artwork, animation or video for exhibition

SPECIAL REQUIREMENTS

- Course Contributions : \$75.
- Students will have access to cameras and Adobe software at school; however, access to a camera and computer outside of school is always beneficial. A copy of Adobe Creative Cloud will be available for students studying this course who have access to a suitable laptop they can use at school.

ASSESSMENT CRITERIA

- 2 Internal Achievement Standards 10 credits
- 1 External Achievement Standard 12 credits

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WHERE DOES IT LEAD?

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FURTHER INFORMATION FROM

Mrs Wise

BUSINESS MANAGEMENT (MAN)

Level 1

SUBJECT STATEMENT

The study of Business is about how individuals and groups of people organise, plan and act to develop goods and services to satisfy customers.

COURSE CONTENT

This course introduces basic Business and Accounting Theory and practice for small organisations. The process of learning will involve a wide range of activities that will help students to:

- Understand the integral role of business in society and the economy.
- Understand how small business owners make operational decisions that have consequences for the success of their business
- Examines how businesses make decisions relating to Marketing or Human Resources.
- Understand operational issues small businesses face eg recruitment of employees, cash flow, workplace incidents, production issues
- Demonstrate Enterprise qualities such as initiative, resilience and resourcefulness.
- Develop skills of problem-solving, co-operation, decision-making, negotiation and communication.

Students will have the opportunity to be involved in a small business of their own choosing (Market Day).

ASSESSMENT CRITERIA

A probable course breakdown for assessment purposes is as follows. This may change slightly according to the needs of the student intake and students will be advised at the beginning of the year.

- 2 External Achievement Standards 8 credits
- 3 Internal Achievement Standards 13 credits

WHERE DOES IT LEAD?

- provides a useful general knowledge of financial and commercial concepts and terms
- develops practical skills of making personal and commercial financial decisions
- introduces students to financial strategies and goals of the business world
- leads to further secondary and tertiary study in commerce, management, enterprise, information systems and finance

FURTHER INFORMATION FROM

Mrs Prendergast

DESIGN AND VISUAL COMMUNICATION

(DVC) Level 1

SUBJECT STATEMENT

Design and Visual Communication (DVC) is the study of product and spatial design with an emphasis on structured drawing styles, rendering, model making and the design process. Students will gain an understanding of what design is and have a fundamental skill level in both freehand and instrumental drawing.

COURSE CONTENT

Level 1 students learn new drawing techniques and are introduced to the work of some of the world's most influential designers. Presentation and computer work are also essential parts of this program.

There will be a focus on the following skills:

- Freehand isometric, oblique and perspective drawing.
- Exploded drawings and sections.
- Design process and presentation of a design brief.
- Technical drawing.
- Research and implementation.
- Promotion of a design to an audience.
- Language associated with design.
- Computer aided design (CAD)

SPECIAL REQUIREMENTS

- Students will need to purchase the Senior Graphics pack or similar materials.
- Course Contributions : \$30.

ASSESSMENT CRITERIA

Work will be assessed on a regular basis throughout the year with summative marks given. Final submissions of Achievement Standards both Internal and External is at the beginning of Term Four.

- 3 External Achievement Standards 9 credits
- 4 Internal Achievement Standards 16 credits

WHERE DOES IT LEAD?

- Leads on to NCEA DVC Level 2 and 3
- Possible career avenues in :

Engineering	Advertising	Product Design	Illustration
Surveying	Fashion Design	Sign Writing	Drafting
Graphic Design	Landscaping	Architecture	Building

FURTHER INFORMATION FROM

Mr Jarman and Mrs Irving

DIGITAL TECHNOLOGY (DTC) - Level 1

SUBJECT STATEMENT

Computers are an integral part of our everyday life. Therefore, confidence with PC technology including keyboarding, design, use of media and combining programmes is essential.

COURSE CONTENT

- Implement basic procedures to produce a specified digital information outcome
- Implement basic procedures to produce a specified digital media outcome
- Construct a plan for a basic computer program for a specified task
- Construct a basic computer program for a specified task
- Demonstrate understanding of basic concepts of information management

SPECIAL REQUIREMENTS

- Students must demonstrate self-motivation and have good organisational skills. They will need an ability to be self-directed and work with minimal supervision. With this in mind they will have the opportunity to acquire extremely useful personal skills while gaining up to 17 Level One credits.

ASSESSMENT CRITERIA

- 5 Achievement Standards – 17 credits

WHERE DOES IT LEAD?

- This course is a prerequisite for students wishing to continue into Level 2 Digital Technology – Advanced.
- Tertiary institutions now prefer set assignments be computer generated. Business/individuals must sell themselves. In order to do this well, high quality presentation of written data is most important.

FURTHER INFORMATION FROM

Mrs Clemmet

DRAMA (DRM) – Level 1

SUBJECT STATEMENT

Drama is not just about acting. This course covers transferable skills that will be useful throughout life; communication, presentation/public speaking, collaborative and leadership skills, problem solving, time management, initiative and the ability to work to a deadline. We aim to build confidence while having fun. We have authentic learning – with REAL audiences. Work to a deadline. We have authentic learning – with REAL audiences. We aim to build confidence while having fun.

COURSE CONTENT

This course:

- Builds students understanding of the drama techniques of voice, body, movement and use of space.
- Teaches students about the theatre forms
- Gives students the opportunity to perform in a class production to a public audience.
- Guides students to create and devise their own short plays.

SPECIAL REQUIREMENTS

- Course Contributions : \$10
- After school, weekend or holiday rehearsals may be required for public performances

ASSESSMENT CRITERIA

- 2 External Achievement Standards 8 credits
- 4 Internal Achievement Standards 17 credits

WHERE DOES IT LEAD?

- Drama at NCEA Levels 2 and 3
- Performing Arts Technology at senior levels
- Journalism / Broadcasting
- Law / Politics
- Event Management
- Actor / Actress
- Public Relations
- Teaching / Lecturing / Early Childhood
- Lighting, sound, set design
- Tourism / Customer Liaison / Hospitality
- Assists in careers involving public speaking or presentation
- Any career that requires collaboration, problem solving, or creativity

FURTHER INFORMATION FROM

Mrs Crooks or Ms Bowers

ECONOMICS and BUSINESS (ECO)

Level 1

SUBJECT STATEMENT

Economics examines how people make choices about the use of limited resources to satisfy unlimited wants. It helps explain and predict how goods and services will be produced and consumed.

The study of business is about how individuals and groups of people organise, plan, and act to create and develop goods and services to satisfy customers.

COURSE CONTENT

This course examines the decisions made both by businesses and households as they interact in a modern economy. Specifically, it:

- Considers how the process of consumer decision making results in market demand.
- Relates producer decisions concerning the use of resources to market supply.
- Provides an understanding of the interaction between household, business, financial and overseas sectors.
- Provides students with the opportunity to investigate economic decision-making from the perspective of consumers, producers and the government.
- Examines how businesses use cost-benefit analysis in decision-making

Students in this course DO NOT take part in Market Day.

SPECIAL REQUIREMENTS

- Course Contributions : \$15

ASSESSMENT CRITERIA

A probable course breakdown for assessment purposes is as follows. This may change slightly according to the needs of the student intake and students will be advised at the beginning of the year.

- 3 External Achievement Standards 12 credits
- 3 Internal Achievement Standards 12 credits

WHERE DOES IT LEAD?

The study of Economics and Business:

- Provides useful analytical skills and general knowledge of contemporary social and economic issues.
- Leads to further secondary and tertiary study in commerce, management, enterprise, law, journalism and finance
- Will prepare students with an initial understanding of some of the skills needed in business and management.

FURTHER INFORMATION FROM

Mrs Prendergast

ENGLISH (ENG) – Level 1

SUBJECT STATEMENT

As an English student, you'll study literature, language, culture, history, and develop your creative as well as formal writing skills. You'll have the flexibility to learn about what *you* enjoy most. At the same time, you'll develop valuable skills for any number of career choices.

COURSE CONTENT

This course builds on the appreciative and analytical skills learnt by students but also looks at texts as a product of their social and historical context.

- offers students a choice of writing tasks, both creative and formal
- enables students to complete a Research Project on a topic of their choice
- involves the study of one extended text
- requires wide reading of a variety of fiction and non-fiction texts
- provides the opportunity for close study of a film text
- encourages students to develop their ability to analyse unfamiliar texts

SPECIAL REQUIREMENTS

- none

ASSESSMENT CRITERIA

- | | |
|---|------------|
| • 3 <u>External</u> Achievement Standards | 12 credits |
| • 5 <u>Internal</u> Achievement Standards | 17 credits |

WHERE DOES IT LEAD?

- English is a versatile subject that can be relevant to almost any career. Most professions require entrants to have good verbal and written communication skills.
- Many of our students go on to obtain an English degree with a view to going into communications, public relations, event management, journalism, or, with extra training of course, a more specialised degree like law, medicine or teaching.

FURTHER INFORMATION FROM

Mrs Anderson

Mrs Traas

MODULAR ENGLISH (MOE) – Level 1

(Internally Assessed Course)

SUBJECT STATEMENT

As an English student, you'll study literature, language, culture, history, and develop your creative as well as formal writing skills. You'll have the flexibility to learn about what *you* enjoy most. At the same time, you'll develop valuable skills for any number of career choices.

COURSE CONTENT

- offers students a choice of writing tasks, both creative and formal
- enables students to complete a Reading Log on texts of their choice
- provides the opportunity for close study of a film text
- encourages students to develop their ability to analyse unfamiliar prose and visual texts

SPECIAL REQUIREMENTS

- none

ASSESSMENT CRITERIA

- 5 Internal Achievement Standards 20 credits
- 1 External Achievement Standard 4 credits

WHERE DOES IT LEAD?

- English is a versatile subject that can be relevant to almost any career. Most professions require entrants to have good verbal and written communication skills.

FURTHER INFORMATION FROM

Mrs Anderson
Mrs Traas

GEOGRAPHY (GEO) – Level 1

SUBJECT STATEMENT

Geography is the study of the earth and its features – both natural and cultural and the interactions between them. It gives students a holistic understanding of the world and includes skills and knowledge from both science and social science fields. Geography enables us to look at the world from a wide variety of different perspectives and teaches skills for developing a socially and environmentally sustainable future.

COURSE CONTENT

This course can include the following topics:

- Extreme natural events, their causes effects and possible responses and solutions e.g. Indian Ocean Tsunami, Christchurch earthquake
- Developing and applying Geographic skills (map work, visuals, spatial data, using data)
- Examining contemporary New Zealand geographic issues e.g. Mining in Puhipuhi
- Examining global geographic topics e.g. Global Pattern of Earthquakes
- Sustainable resource use and resource management e.g. Tourism in Paihia
- Guided geographic research e.g. Patterns of Weather

SPECIAL REQUIREMENTS

- Course Contributions : \$15

ASSESSMENT CRITERIA

- 2 External Achievement Standards 8 credits
- 3 Internal Achievement Standards 10 credits

WHERE DOES IT LEAD?

- | | |
|----------------------------|--------------------------------|
| • Environmental Management | • Tourism |
| • Planning | • Geology |
| • Law | • Civil Defence |
| • Civil Engineering | • Demography and policy making |
| • Journalism | • Surveying |
| • Teaching | • Urban Planning |
| • Outdoor recreation | • Event Management |

FURTHER INFORMATION FROM

Miss Boisen

HISTORY (HIS) – Level 1

SUBJECT STATEMENT

History is the study of mankind and society. An understanding of the past allows students to see current issues in a wider context. It gives students a broad variety of transferable skills and knowledge, such as prioritising information, making judgements based on best evidence, and an appreciation of the way our ancestors have created the world we inhabit today. History enables us to look at the world from a wide variety of different perspectives and teaches students to be aware of cultural and historical differences between peoples.

COURSE CONTENT

This course covers:

- Black Civil Rights in the USA 1954 – 1970
- The Debate over the use of the 'A' Bomb in 1945
- Causes and consequences of the First World War
- Students are also given the opportunity to research and examine an event of their choice from a chosen decade of the Twentieth Century such as the Moon Landings, the Birmingham Campaign or the Battle of Stalingrad.

SPECIAL REQUIREMENTS

- None

ASSESSMENT CRITERIA

- 2 External Achievement Standards 8 credits
- 3 Internal Achievement Standards 12 credits

WHERE DOES IT LEAD?

- History teaches you to research information from studying cartoons, newspapers, documents, films, maps etc. to make sense of it, draw conclusions and report in readable, concise prose.
- Vocational opportunities for historians continue to grow as the skills taught apply in many jobs which deal with information and people.
- Historians can expect to find employment in many fields, including law, business, teaching, industry, trade, tourism and commerce; in Government Departments – foreign affairs, trade, treasury, justice, banking, law; in publishing, journalism, radio and television - wherever critical judgement and good expression are valued.

FURTHER INFORMATION FROM

Mrs Jarman

HOSPITALITY (HOS) – Level 1

SUBJECT STATEMENT

Hospitality provides students with the opportunity to gain knowledge and experience in the study of food, including what is in the foods they eat, the safe handling of foods, and how to apply this knowledge when planning and preparing food.

Please note – there is a reasonable amount of theory content included in this Programme – it does not consist solely of Practical Cooking lessons.

COURSE CONTENT

This course includes specific studies in:

- Food hygiene and safety during food preparation and cooking
- Preparation and Presentation of Dishes and Meals for teenagers and within a Hospitality industry context

SPECIAL REQUIREMENTS

- Course Contributions : \$120.

ASSESSMENT CRITERIA

Standards will be selected from the following:

- 1 Internal Achievement Standard 5 credits
- 5 Internal Unit Standard 12 credits

WHERE DOES IT LEAD?

- Provides valuable theoretical and practical knowledge leading to further studies in Year 12, 13 and at tertiary level
- Can lead to careers in the Hospitality industry (chef training, hotel management, apprenticeships), and nutrition (dietician)

FURTHER INFORMATION FROM

Mr Hart

MĀORI STUDIES (MAO) – Level 1

Te Reo Māori

SUBJECT STATEMENT

Te Reo Māori, the indigenous language of Aotearoa, is a taonga and is guaranteed protection under the Treaty of Waitangi. As students learn in Te Reo Māori, they also deepen their knowledge and understanding of tikanga Māori and develop their own personal, group and national identities.

COURSE CONTENT

- Kōrero kia whakamahi i te reo o tōna ao (speaking)
- Pānui kia mōhio ki te reo o tōna ao (reading)
- Tuhi i te reo o tōna ao (writing)
- Waihanga tuhinga i te reo o tōna ao
- Whakarongo kia mōhio ki te reo o tōna ao (listening)

SPECIAL REQUIREMENTS

- None

ASSESSMENT CRITERIA

- 2 External Achievement Standards 12 credits
- 4 Internal Achievement Standards 20 credits

WHERE DOES IT LEAD?

- NCEA Level 2 Māori, NCEA Level 3 Māori, tertiary programmes in Te Reo Māori.
- University Māori Language papers.
- Cultural Advisor (Government Department)
- Race Relations
- Languages
- Teaching
- Performing Arts
- Kohanga Reo, Kura Kaupapa, Teachers, Kai Awhina
- Radio/Television Journalist
- Police officer
- Radio broadcaster/Television presenter
- Moko artist
- Personal, social, cultural development
- Advantages in a wide range of vocational areas

FURTHER INFORMATION FROM

Whaea Maruia

MATHEMATICS and STATISTICS – Level 1

SUBJECT STATEMENT

Mathematics and Statistics is the exploration and use of patterns and relationships in quantities, space, time and data. Through being engaged in knowing, doing, and thinking mathematically and statistically, students develop effective means for investigating, interpreting, explaining, and making sense of the world in which they live.

COURSE CONTENT

This course completes a student's basic education in mathematics with the skills and knowledge needed to support other areas of learning and everyday life at home, at work and in the community. It also provides an opportunity to experience the aspects of mathematics that are required for continued study in the subject at higher levels.

- Algebra: is extended to include solving problems involving quadratic and simultaneous equations.
- Statistics and Probability
- Geometry and Trigonometry

SPECIAL REQUIREMENTS

- A graphics calculator is a distinct advantage
- Write-on workbooks – the cost is approximately \$6 per standard

ASSESSMENT CRITERIA

- | | |
|---|------------|
| • 3 External Achievement Standards | 12 credits |
| • 1 External Common Assessment Task (CAT) | 4 credits |
| • 3 Internal Achievement Standards | 10 credits |

PRE REQUISITES

- 'Achieved' or better, in at least one of the Level 1 achievement standards in Year 10 (91030, 91032, 91035), or equivalent.

WHERE DOES IT LEAD?

Students who complete this course have the ability and inclination to use mathematics effectively in the course of their daily life, at home, at work and in the community.

Students could consider:

- Level 2 Mathematics courses (Achievement in key standards is required for this)
- Level 2 science courses
- Trade apprenticeships
- Careers in Technology and the Sciences

FURTHER INFORMATION FROM

Mrs Gardner

MATHEMATICS and STATISTICS (MIA) – Level 1

(Internally assessed course)

SUBJECT STATEMENT

Mathematics and Statistics is the exploration and use of patterns and relationships in quantities, space, time and data. Through being engaged in knowing, doing, and thinking mathematically and statistically, students develop effective means for investigating, interpreting, explaining, and making sense of the world in which they live.

COURSE CONTENT

This course provides multiple opportunities for students to develop competence and confidence to use mathematics in everyday life. Essential basic mathematics skills and techniques are reinforced through repeated application within meaningful real-life contexts.

- Use fractions, decimals, percentages and integers to solve problems
- Use estimates, directions, metric conversions, and own measurements to solve problems
- Use and interpret statistical information in context.

SPECIAL REQUIREMENTS

- Scientific calculator
- Write-on workbook – the cost is approximately \$10

ASSESSMENT CRITERIA

- 3 Internal Numeracy Standards 10 credits (only the whole 10 can count for “Numeracy”)
- 4 Internal Achievement Standards 13 credits (any of these can count towards “Numeracy”)
- A minimum of TEN credits are required for “NUMERACY”

WHERE DOES IT LEAD?

Students who complete this course have the ability and inclination to use very basic mathematics effectively in the course of their daily life:

- at home: e.g. following recipes, simple DIY budgeting, understanding financial transactions
- at work: e.g. following instructions, measuring, using charts and tables, using money
- in the community: e.g. reading maps, getting information from graphs and charts

Subject to approval by the Head of Department:

- students who do very well and gain achievement standards 91030, 91033, 91036, 91038 could go on to do Level 1 Mathematics and Statistics
- exceptional students who gain achievement standards 91026, 91030, 91033, 91036, 91038 could go on to do Level 2 Mathematics with Statistics

FURTHER INFORMATION FROM

Mrs Gardner

MUSIC (MUS) – Level 1

SUBJECT STATEMENT

In Music, emotion, intellect, and imagination are articulated through sound. Music allows us to express feelings and ideas about ourselves and our place in the world, using symbolic notation, live performances, compositions and analysis of existing pieces.

COURSE CONTENT

- Perform music as a **featured soloist**.
- Perform music as a **member of a group**
- **Compose** music
- **Aurally** identify, describe and **transcribe music** elements from simple music
- **Score reading** and theory
- **Analyse music works** from a range of styles and eras

SPECIAL REQUIREMENTS

- Receive instrumental or vocal tuition either privately or in school (fees of \$20 per term through school)
- Own or hire an instrument
- A willingness to participate in music groups and public performance both in school and outside
- Attend concerts by visiting musicians either in or outside school
- Drums and Guitar tuition is only available to Year 7s and 8s, and students taking Music as an option from Year 9-13. Piano tuition is available only for option music students.
- Course Contributions : \$30
- Performance assessment may occur in evening concerts

ASSESSMENT CRITERIA

- 2 External Achievement Standards 8 credits
- 4 Internal Achievement Standards 22 credits

PRE REQUISITES

- Grade 3 practical ability on an instrument and theory knowledge and understanding (must be able to read and write music)

WHERE DOES IT LEAD?

Tertiary Qualifications

- NZQA National Certificate in Music
- Polytechnic Diploma and Degree Courses in Rock or Jazz Music at Christchurch, Hamilton and Wellington
- University Degree in Music at Auckland, Christchurch, Wellington and Waikato.

Music Careers for example

- Performer, conductor, accompanist,
- Technical aspect of music – composer, recording, sound technician
- Teaching – at various levels, music therapist

FURTHER INFORMATION FROM

Mrs McGlinchey

PHYSICAL EDUCATION (PED) – Level 1

SUBJECT STATEMENT

Physical Education is experiencing participation in games and sport that require students to play as an individual and as a team member. It combines the application of skill technique and strategy to ensure activity is worthwhile and meaningful. Physical Education allows individuals to broaden their existing knowledge and is important to a healthy lifestyle.

COURSE CONTENT

This course:

- 20-30% of this course is theory
- Requires students to actively participate in a wide range of individual and team activities
- Requires some physical competence and a high skill level. A student's positive attitude and consistent willingness to be involved are much more important
- Gives students the opportunity to perform socially and competitively
- Is mainly of a practical nature but some writing will be necessary. It is intended to keep this to an absolute minimum

This is an alternative to the Level 1 Physical Education Advanced course. You cannot do this option AND the Level 1 Physical Education Advanced course.

SPECIAL REQUIREMENTS

- A change of clothes is compulsory in order to participate.
- There is NO Physical Education uniform requirement.

ASSESSMENT CRITERIA

- 5 Internal Achievement Standards 17 credits

WHERE DOES IT LEAD?

- Develops practical and interpersonal skills that contribute to a satisfying and enjoyable lifestyle
- Leads to further practical courses in Physical Education at Levels 2 and 3
- Is a good base for tertiary study in Sport, Recreation, Leisure and Physical Education

FURTHER INFORMATION FROM

Mrs Gordon or Mr Cannon

PHYSICAL EDUCATION – ADVANCED (PEA)

Level 1

SUBJECT STATEMENT

Physical Education is experiencing participation in games and sport that require students to play as an individual and as a team member. It combines the application of skill technique and strategy to ensure activity is worthwhile and meaningful. Physical Education allows individuals to broaden their existing knowledge and is important to a healthy lifestyle.

COURSE CONTENT

30-40% of this course is theory based. The theory relates to practical lessons.

In this course students will:

- Actively participate in a range of physical activities which will be assessed
- Be introduced to anatomy, biomechanics and exercise physiology

You cannot do this option AND the Level 1 Physical Education course.

SPECIAL REQUIREMENTS

- Students will be required to change clothes for all practical classes. Most practical lessons are assessed.
- There are no Physical Education uniform requirements

ASSESSMENT CRITERIA

- 5 Internal Achievement Standards 20 credits

WHERE DOES IT LEAD?

- Level 2 Physical Education Advanced
- Level 3 Physical Education Advanced
- Sports and Leisure courses
- Physical Education teaching
- Physiotherapy

FURTHER INFORMATION FROM

Mrs Gordon or Mr Connon

SCIENCE (SCI) – GENERAL – Level 1

SUBJECT STATEMENT

General Science uses observation and experimentation to describe and explain the world around us. It includes biology: the study of living things, chemistry: the study of materials, and physics: the study of matter and energy.

COURSE CONTENT

- Chemistry – atomic structure, acid reactions, rates of reactions
- Physics – motion, forces, energy
- Biology – genetics and variation, human biology

SPECIAL REQUIREMENTS

- Course Contributions : \$25
- Students may **not** choose Physical Science or Biological Science as well as General Science

ASSESSMENT CRITERIA

- 3 External Achievement Standards 12 credits
- 3 Internal Achievement Standards 12 credits

PRE REQUISITES

- Students will be placed in this course based on achievement across Year 10 examinations and topic tests. They do not choose this option.

WHERE DOES IT LEAD?

- Separate sciences – Level 2 Physics, Chemistry, Biology, Science
- Students wanting to keep their options open for Level 2 while taking only once Science course in Year 11 should take this course
- All science careers including medicine, pharmacy, veterinary, physiotherapy, nursing, engineering, technicians, diagnostic, forensics, surveying and architecture

FURTHER INFORMATION FROM

Your Year 10 Science Teacher

SCIENCE – GENERAL (SIA) – Level 1

(Internally Assessed Course)

SUBJECT STATEMENT

General Science uses observation and experimentation to describe and explain the world around us. It includes biology: the study of living things, chemistry: the study of materials, and physics: the study of matter and energy.

COURSE CONTENT

- Similar course to externally assessed General Science but all internally assessed so learning and achievement is more supported.

SPECIAL REQUIREMENTS

- Nil

ASSESSMENT CRITERIA

- Internal Achievement Standards and Unit Standards to be selected later in 2016.
- Approximately 22 credits

PRE REQUISITES

- Students will be placed in this course based on suitability for it. They do not choose this option.

WHERE DOES IT LEAD?

- Students who complete this course are able to use basic Science concepts in their daily lives.
- This course does not lead to Level 2 specialist Science courses (ie Physics, Chemistry and Biology). However, students may progress to these through taking one of the other Level 1 Science courses in Year 12 or the Year 12 Science course
- To Year 11 Level 1 Science courses
- To Year 12 Level 2 Science course

FURTHER INFORMATION FROM

Your Year 10 Science Teacher

SCIENCE – BIOLOGICAL (BSC) – Level 1

SUBJECT STATEMENT

Biology is the study of living things. In Biology, students study life processes, the structure and function of organisms, how different species are adapted to survive in their environment, how organisms interact with each other, how an organism's genome influences its survival and how species can change over time. Learning in Biology can include practical investigations and field trips as well as more formalised learning of theory.

COURSE CONTENT

This course serves as an alternative to General Science Level 1 and may be taken alone or with Level 1 Physical Science as a strong foundation for students who are intending to study sciences at Level 2 and beyond.

This course covers:

- The life cycle of flowering plants
- Genetic variation
- Micro-organisms
- Issues in Biology

SPECIAL REQUIREMENTS

- Students may not choose this subject as well as General Science, but can take Biological Science with Physical Science

ASSESSMENT CRITERIA

- 3 External Achievement Standards 12 credits
- 3 Internal Achievement Standards 11 credits

WHERE DOES IT LEAD?

- Biology Level 2 and Level 3
- All Science careers, if taken in conjunction with Physical Science Level 1
- Provides a background for tertiary courses in science, technology, medical & veterinary practices, forestry, biotechnology, food technology, conservation, genetics, physiology and forensics

FURTHER INFORMATION FROM

Miss Jackson

SCIENCE – PHYSICAL (PSC) – Level 1

SUBJECT STATEMENT

Physical Science includes the study of Physics, which studies matter and energy and the interactions between the two, and Chemistry, which is the study of materials, their properties and how they interact with each other.

COURSE CONTENT

This course serves as an alternative to General Science Level 1 and may be taken alone or with Level 1 Biological Science as a strong foundation for students who are intending to study sciences at Level 2 and beyond.

This course covers:

- Forces, motion and energy
- Electricity and magnetism
- Atomic structure
- Reaction rates
- Acids and bases
- Organic chemistry

SPECIAL REQUIREMENTS

- Course Contributions : \$40
- Students may not choose this subject as well as General Science, but can take Physical Science with Biological Science

ASSESSMENT CRITERIA

- 3 External Achievement Standards 12 Credits
- 4 Internal Achievement Standards 14 Credits

PRE REQUISITES

- At least one Merit level pass in Physics and Chemistry topic tests or examinations in Year 10.

WHERE DOES IT LEAD?

- Level 2 Physics and/or Chemistry courses
- Engineering
- Medicine
- Architecture
- Technology
- Research
- THIS COURSE DOES NOT ALLOW ENTRY TO LEVEL 2 BIOLOGY.

FURTHER INFORMATION FROM

Mrs Robertson or your Year 10 Science Teacher

SENIOR SOCIAL STUDIES (SST)

Level 1

SUBJECT STATEMENT

Senior Social Studies is about how societies work and how people can participate in their communities as informed, critical, active, and responsible citizens.

Students examine the causes and effects of social issues that relate to identity, culture, and organisation, and learn to take actions that may bring about social improvement.

They investigate how individuals, communities, and societies respond to change and how ideas about society develop over time.

COURSE CONTENT

This course is open to a wide range of current contemporary content. The key themes are Social Action and Cultural Change and students will be exploring issues that enable them to:

- Understand how individuals, groups, and institutions work to promote social justice and human rights.
- Understand how cultures adapt and change and that this has consequences for society.

SPECIAL REQUIREMENTS

- Optional – own device for note keeping, research and ongoing inquiry
- Course Contributions : \$18
- Two internal assessments are project and inquiry based and will rely heavily on independence and time management

ASSESSMENT CRITERIA

- 3 Internal Achievement Standards 12 credits
- 2 External Achievement Standards 8 credits

PRE REQUISITES

This is a high reading and writing subject; entry for some students may be at the discretion of the HoD.

WHERE DOES IT LEAD?

Law	Sociology
Journalism	Civil Defence
Teaching	Navy
Tourism	Army

FURTHER INFORMATION FROM

Mrs Rakena

SPANISH BEGINNER (SPB) – Level 1

SUBJECT STATEMENT

This course concentrates on the receptive skills of listening to, viewing and reading as well as the productive skills of writing, speaking and performing Spanish.

COURSE CONTENT

- Topics of study include daily routines, describing people, making comparisons, nationalities, problems and advice, holidays, food, fashion and directions.
- Students will explore the culture of Spain and Latin America in depth. There will be a focus on the cities of Madrid, Barcelona and Salamanca to gain a deeper understanding of the history and culture of Spain. Students will master verb conjugation of the following forms, present, near future, future, past and reflexive. Workbooks are available in two levels.
- Students will interact through immerseme to practice real-life communication with Spanish speakers.

SPECIAL REQUIREMENTS

- Course Contributions : \$21

ASSESSMENT CRITERIA

- | | |
|---|------------|
| • 2 <u>Internal</u> Achievement Standards | 9 credits |
| • 2 <u>External</u> Achievement Standards | 10 credits |

WHERE DOES IT LEAD?

- Leads on to Spanish at all levels – NCEA Level 2 Spanish, NCEA Level 3 Spanish
- Pre/co-requisite for other tertiary qualifications
- Travel industry
- Business/International Affairs/External Affairs/Trade industry
- Interpreting/translating
- The learning of other languages

FURTHER INFORMATION FROM

Miss Williams

SPANISH ADVANCED (SPA) – Level 1

SUBJECT STATEMENT

This course concentrates on the receptive skills of listening to, viewing and reading as well as the productive skills of writing, speaking and performing Spanish.

COURSE CONTENT

- Knowledge of Spanish language covered in Year 10 will progress to areas where the context is slightly less familiar to the students, eg debating, festivals in Spain and Latin America etc. This course will allow students to reflect on and make many comparisons between Spanish speaking cultures and their own. The up to date scholastic materials, including movies, will provide further topics at the relevant level that are current and aimed at the teenagers of today. In addition, there is an online component to the scholastic material that students will be able to access from home or school to consolidate or extend their learning.

SPECIAL REQUIREMENTS

- Course Contributions : \$21

ASSESSMENT CRITERIA

- | | |
|---|------------|
| • 4 <u>Internal</u> Achievement Standards | 18 credits |
| • 2 <u>External</u> Achievement Standards | 10 credits |

PRE REQUISITES

- Year 10 Spanish or equivalent

WHERE DOES IT LEAD?

- Leads on to Spanish at all levels – NCEA Level 2 Spanish, NCEA Level 3 Spanish
- Pre/co-requisite for other tertiary qualifications
- Travel industry
- Business/International Affairs/External Affairs/Trade industry
- Interpreting/translating
- The learning of other languages

FURTHER INFORMATION FROM

Miss Williams

TECHNOLOGY – SYSTEMS AND CONTROL

(TSC) - Level 1

SUBJECT STATEMENT

This course is for students who want to work in electrical trades or go onto study in fields such as electronics, computer hardware or mechatronics at university. It will involve a mix of practical work and folder work to meet the Achievement Standards offered. This course will use a mini computer called the Raspberry Pi, electronic components, 3D printing and the use of 3D design software.

Students may choose to work on projects linked to computer gaming, security systems or other interactive products that use smart technology. Systems and Control aims to teach students the basic skills required to build working products by linking smart technology, basic electronics, computer code and materials. The course will not require students to have a background in any particular area such as programming or understand complex electronic circuits. Instead, it will depend upon the ability to bring together existing system blocks and computer code produced by themselves or others to make use of modern technology in inventive ways. However, students with a particular flair for technical issues, an interest in science and maths or computer code will have the freedom to pursue their own interests.

COURSE CONTENT

This course:

- Develops basic soldering and circuit building skills
- Introduces students to the use of a mini computer called the Raspberry Pi and other smart technology that can be used in project work
- Encourages students to develop the skills needed to research into and apply modern technology in an innovative fashion
- Teaches students to combine system blocks
- Develops the ability to produce 3D designs using Inventor Pro
- Teaches students how to use 3D printers to design parts and cases for project work

SPECIAL REQUIREMENTS

- Suitable workshop footwear. Open toed shoes, sandals and jandals are not allowed.
- All health and safety rules must be followed to take part in practical activities.

ASSESSMENT CRITERIA

- 3 Internal Achievement Standards 16 credits
- 1 External Achievement Standard 4 credits

WHERE DOES IT LEAD?

- Level 2 Systems and Control (to be confirmed)
- Level 2 Engineering
- Level 2 Automotive
- Level 2 Practical Technology – Design and Make
- Employment in related fields or apprenticeships.

FURTHER INFORMATION FROM

Mr Clark

TECHNOLOGY – ENGINEERING (TEM)

Level 1

SUBJECT STATEMENT

This course is for students who want to work in trades linked to Engineering. It is based on Tools4work / Competenz Unit Standards, which lead into industrial apprenticeships. It focuses on the cutting, shaping, manipulation and joining of metals during practical tasks. Students study the correct selection of materials based on their physical, chemical or mechanical properties and the use of machine tools to shape them. Engineering is a wide-ranging field that encompasses everything from basic fabrication, fitting, welding and machining through to high tech research and development. The credits on offer are based around making an engineer's vice and an illuminated sign designed by the student.

Further information on career pathways can be found at - www.competenz.org.nz

COURSE CONTENT

This course:

- Develops skills in the use of workshop machines.
- Provides training in the use of a range of processes to join materials.
- Develops skills in the use of marking out equipment required to work with accuracy.
- Introduces the use of dimensional measuring equipment.
- Introduces the use of computers as a way to produce 3D models and engineering drawings.
- Teaches how to design, develop and plan the production of a product to meet an engineering brief.
- Use of computer controlled machines.

SPECIAL REQUIREMENTS

- Course Contributions : \$40.
- Suitable workshop footwear. Open toed shoes, sandals and jandals are not allowed.
- All health and safety rules must be followed to take part in practical activities.

ASSESSMENT CRITERIA

- 3 Unit Standards 24 credits

WHERE DOES IT LEAD?

- Level 2 Engineering
- Level 2 Automotive
- Level 2 Practical Technology – Design and Make
- Employment in related fields or apprenticeships.

FURTHER INFORMATION FROM

Mr Clark

(TEP) – Level 1

SUBJECT STATEMENT

This course is for students who want to work in trades linked to the use of timber and construction materials. It is based around Unit Standards from the BCITO that link directly to careers and apprenticeships in the building trade. Students will produce two main practical projects using a range of materials and processes. They will learn to select materials based on their properties and match these with suitable shaping / joining processes. Students will use a range of hand tools, power tools and machines to demonstrate the development of their skills. Practical projects are normally based around items such as a sawhorse, garden furniture or speaker cabinets.

For further career information - www.bcito.org.nz

COURSE CONTENT

This course:

- Develops a range of practical skills along with the ability to correctly select materials
- Provides experience in a range of workshop tools, machines and processes
- Develops the ability to plan the production of a product
- Explores the properties of a range of materials that can be used in the workshop
- Develops awareness of safety in the workplace

SPECIAL REQUIREMENTS

- Course Contributions : \$40.
- Suitable workshop footwear. Open toed shoes, sandals and jandals are not allowed.
- All health and safety rules must be followed to take part in practical activities.

ASSESSMENT CRITERIA

- | | |
|--|---|
| <ul style="list-style-type: none"> 5 BCITO Unit Standards | 13 level 1 credits.
8 level 2 credits. |
|--|---|

WHERE DOES IT LEAD?

- Level 2 Practical Technology
- Apprenticeships / employment in a range of fields linked to building / construction.

FURTHER INFORMATION FROM

Mr Clark

Kerikeri High School



YEAR 12

CURRICULUM GUIDE FOR 2018

YEAR 12 CURRICULUM GUIDE

THIS BOOKLET TELLS YOU

- What the subject is about
- Any special requirements you need to fulfil to study the subject
- Where the subject can take you

HOW DO YOU DECIDE WHAT SUBJECT TO CHOOSE?

Consider

- **How well you have done in a subject so far**
- What subjects you have done already
- Your own preference
- Careers interests – through keeping in mind that you need to keep your careers options open
- Have you checked the requirements for **University Entrance** at the start of this guide?

WHO CAN HELP YOU DECIDE?

You will make your initial choice in consultation with your parents. Following this you, and your parents if they wish, will have the opportunity to discuss your choice with a member of a course counselling team.

Other people who may help you decide are subject teachers, Heads of Department, Counsellor, the Careers Advisor, the Deputy Principals and your Dean.

YEAR 12

In Year 12 all students study 6 subjects

Most subjects offer up to 24 credits towards NCEA. The number of credits offered is shown in the Assessment Criteria on each page in the Curriculum Guide.

In order to receive NCEA at Level 2, students need a total of 80 credits, 60 of these at Level 2. Level 1 literacy and numeracy requirements must also have been met.

Certificate Endorsement

NCEA certificates can be endorsed with ***Merit*** or ***Excellence***.

Merit Endorsement - 50 credits at Merit or better at the level of the certificate

Excellence Endorsement - 50 credits at Excellence at the level of the certificate

Course Endorsement

Courses may be endorsed with Merit or Excellence. This provides recognition for students who perform exceptionally well in individual courses.

Students will gain an endorsement for a course where they achieve:

1. 14 or more credits at ***Merit*** or ***Excellence*** at the lower level that supports the endorsement
2. at least 3 credits from externally assessed standards and 3 credits from internally assessed standards (except for Physical Education and Level 3 Visual Arts)
3. sufficient credits in a single year.

University Entrance

Please note that to achieve **University Entrance** at the end of Year 13 students must have the following minimum requirements.

- **NCEA Level 3**
- **Literacy:**
 - 5 credits at Level 2 or above in Reading (English or Maori) AND
 - 5 credits at Level 2 or above in Writing (English or Maori)
- **Numeracy:**
 - 10 credits in Mathematics at Level 1 or higher
- **Subject:**
 - 14 credits in achievement standards in each of **3** subjects from the approved list for University Entrance (see the list at the front of this guide)

LEVEL 2 SUBJECTS OFFERED IN YEAR 12

- ARD - Art (Design)
- ARA - Art (Painting)
- ARP - Art (Photography)
- AUT - Automotive Studies
- BIO - Biology
- MAN - Business Management
- CHE - Chemistry
- DVC - Design and Visual Communication (Graphics)
- DTE - Digital Technology – Essentials
- DTA - Digital Technology – Advanced
- DRM - Drama
- ECO - Economics
- ENG - English
- MOE - Modular English
- GEO - Geography
- HIS - History
- HOS - Hospitality
- HUM - Human Development
- MAO - Māori Studies
- MSC - Mathematics with Statistics & Calculus
- MAS - Mathematics with Statistics
- MUS - Music
- OED - Outdoor Education
- PAT - Performing Arts Technology
- PED - Physical Education
- PEA - Physical Education – Advanced
- PHY - Physics
- RUS - Rural Studies
- SCI - Science
- SST - Social Studies
- SPA - Spanish
- TEM - Technology – Engineering
- TEP - Technology – Practical Technology - Design & Make
- TOU - Tourism

ART - DESIGN (ARD) - Level 2

SUBJECT STATEMENT

Art Design enables students to approach creative problems in new and interesting ways. Students work in a variety of media, working with illustration, taking their own photographs, producing fonts, and learning to produce and publish work digitally using industry standard software such as the Adobe Creative Suite.

COURSE CONTENT

- Research methods and ideas for Design.
- Generate and develop ideas using drawing processes and procedures in Design.
- Produce a body of work within Design to show understanding of art making methods and ideas.

SPECIAL REQUIREMENTS

- Course Contributions : \$25.
- The printing required for external folio boards is an additional expense; the school can arrange this through an outside provider on a student's behalf at cost, however students may also choose to do their own printing either at school or offsite instead. The approximate additional cost is \$40.

ASSESSMENT CRITERIA

- 2 Internal Achievement Standards 8 credits
- 1 External Achievement Standard 12 credits

For the external assessment, candidates present a two-panel folio, or short moving-image, which contains both developmental and finished designs, produced in response to self-directed design briefs.

PRE REQUISITES

- Students should have gained at least 14 credits in one of the following subjects; Year 11 Visual Art, Year 11 ADI or Year 11 DVC. Exceptions can be made, however, in special cases, in consultation with the Head of Department.

WHERE DOES IT LEAD?

- NCEA Level 3 Visual Arts - Design/Painting/ Photography
- Beyond secondary school, the study of Visual Arts leads to a broad range of courses and career opportunities in the creative industries, which are becoming progressively more important to economic well-being. The industries of the twenty-first century will depend increasingly, on the generation of ideas and knowledge through creativity and innovation.
- Career pathways in the Visual Arts may include Advertising, Architecture, Artist, Design (Interior, Fashion, Product, Transport and Communication), Signwriting, Software and Gaming Development, Performing Arts, Costume Design, Event Management, Public and Community Arts, Gallery or Museum Curator, Media (Television, Film, Video and Photography) Online Publishing and Development.

FURTHER INFORMATION FROM

Mr Nel or any member of the Art Department

ART - PAINTING (ARA) - Level 2

SUBJECT STATEMENT

Art - Painting is a practical course, which gives students the opportunity to express creativity and imagination, and develop technical skills. Students work with a variety of different media, refining skills in drawing and painting processes, creating in-depth and interesting works. Students work with perceptual skills, develop creative imagination and advance their technical and critical faculties.

COURSE CONTENT

- Demonstrate an understanding of methods and ideas from established practice
- Use drawing methods to apply knowledge of conventions appropriate to painting
- Develop ideas in a related series of drawings appropriate to established painting practice
- Produce a systematic body of work that shows understanding of art making conventions and ideas within painting

SPECIAL REQUIREMENTS

- Course Contributions : \$75.

ASSESSMENT CRITERIA

- | | |
|------------------------------------|------------|
| • 2 Internal Achievement Standards | 8 credits |
| • 1 External Achievement Standard | 12 credits |

For the external assessment, candidates present a two-panel folio that contains both developmental and finished artwork.

PRE REQUISITES

- Students should have gained at least 14 credits in Year 11 Visual Art or Year 11 ADI. Exceptions can be made, however, in special cases, in consultation with the Head of Department.

WHERE DOES IT LEAD?

- NCEA Level 3 Visual Arts - Design/Painting/ Photography
- Beyond secondary school, the study of Visual Arts leads to a broad range of courses and career opportunities in the creative industries, which are becoming progressively more important to economic well-being. The industries of the twenty-first century will depend increasingly, on the generation of ideas and knowledge through creativity and innovation.
- Career pathways in the Visual Arts may include Advertising, Architecture, Artist, Design (Interior, Fashion, Product, Transport and Communication), Signwriting, Software and Gaming Development, Performing Arts, Costume Design, Event Management, Public and Community Arts, Gallery or Museum Curator, Media (Television, Film, Video and Photography) Online Publishing and Development.

FURTHER INFORMATION FROM

Mr Forstner or any member of the Art Department

ART - PHOTOGRAPHY (ARP) - Level 2

SUBJECT STATEMENT

The Level 2 Photography course is an introduction to photographic practice using digital cameras and industry standard software such as Adobe Lightroom and Photoshop to produce their work. Photography is a practical course, which also includes aspects of history, theory, and investigation of established practice. Students will study the work of photographers past and present in order to develop an understanding of Art and image making.

COURSE CONTENT

Students will develop skills in the following areas:

- Camera use
- Digital imagery and editing
- Manipulation techniques

They will also research information, ideas and photographic drawing methods and in response will generate and develop their own photographic ideas and images.

SPECIAL REQUIREMENTS

- Students need to have some form of digital camera to complete this course
- Course Contributions : \$225.
- Students will have access to Adobe software at school; however, access to a computer outside of school hours is always beneficial. A copy of Adobe Creative Cloud will be available for students studying this course who have access to a suitable laptop they can use at school.

ASSESSMENT CRITERIA

- 2 Internal Achievement Standards 8 credits
- 1 External Achievement Standard 12 credits

For the external assessment, candidates present a two-panel folio, or short moving-image, which contains both developmental and finished photographic images.

PRE REQUISITES

- There are no pre requisites for Level 2 Photography for 2018; however, an interest in Visual Arts and Photography is desirable. Please note that the study of 11 ADI or 11ART will be a pre requisite for students intending to study Year 12 Photography from 2019.

WHERE DOES IT LEAD?

- NCEA Level 3 Visual Arts – Photography or Art Design
- Beyond secondary school, the study of Photography leads to a broad range of courses and career opportunities in the creative industries, which are becoming progressively more important to economic well-being. Career pathways may include Advertising, Architecture, Artist, Designer (Interior, Fashion, Product, Transport and Communication), Animation and Game Development, Media (Television, Film, Video, Photography and Online Publishing)

FURTHER INFORMATION FROM

Mrs Wise, Mrs Clent or any member of the Art Department

AUTOMOTIVE STUDIES (AUT) – Level 2

SUBJECT STATEMENT

Automotive studies are an introduction to the National Certificate in Automotive Trades. It covers the basic principles of engines and related automotive components creating an understanding of how they work. It will develop practical skills and is the first step in a career path that follows through to NorthTec and apprenticeships.

COURSE CONTENT

This course:

- Explains basic engine functions and operations.
- Enables students to identify and be able to describe functions of all components found in a car.
- Teaches MIG welding skills and basic maintenance of a car.
- Allows students to explore units of their choice, eg cleaning components, outboard engines, battery maintenance.
- Allows students to develop practical skills and independence.

SPECIAL REQUIREMENTS

- Suitable workshop footwear. Open toed shoes, sandals and jandals are not allowed.
- All health and safety rules must be followed to take part in practical activities.

ASSESSMENT CRITERIA

- 7 Unit Standards 21 credits

Set and moderated by Northland Polytechnic.

PRE REQUISITES

- There are no prerequisites.

WHERE DOES IT LEAD?

- The credits achieved are a start to a National Certificate in Automotive Trades.
- National certificates allowing employment in the following areas:
 - Collision repair, electrical engineering, auto engineering, heavy engineering, auto refinishing, coach building, industrial textile fabrication, motor trimming, motorcycle engineering.

FURTHER INFORMATION FROM

Mr McCabe

BIOLOGY (BIO) – Level 2

SUBJECT STATEMENT

Biology is the study of living things and how they interact with the environment. The Level 2 programme develops skills and awareness of this by exploring how organisms adapt to cope with the demands of the environment, and how some species can exist in extreme situations. Students will also explore the simplest unit of life – the cell, and various cell processes. We also look at how an organism's genome influences its survival and how species can change over time. Learning in Biology includes practical investigations and a Field Trip, as well as more formalised learning of theory.

COURSE CONTENT

This course covers:

- Ecology – the inter-relationships of different species and how they adjust to the Abiotic environment
- Adaptations necessary for life in an Extreme Environment
- Cell structure and function
- Genetic variation and change
- Gene expression

SPECIAL REQUIREMENTS

- Course Contributions : \$40

ASSESSMENT CRITERIA

- 3 External Achievement Standards 12 credits
- 3 Internal Achievement Standards 11 credits

PRE REQUISITES

- If coming from Level 1 Biological Science: Achieved or better in Science 90948 and in one other Biology external assessment (90927, 90928 or 90929) and in one internal assessment (90949, 90925 or 90926)
- If coming from Level 1 General Science: Achieved or better in Science 90948 and in one of Biology 90925 or Chemistry 90930
- No entry from Science Internally Assessed course

WHERE DOES IT LEAD?

- Biology Level 3
- Provides a background for tertiary courses in science, technology, medical & veterinary practices, forestry, biotechnology, food technology, conservation, genetics, physiology and forensics

FURTHER INFORMATION FROM

Mrs Harrisson

BUSINESS MANAGEMENT (MAN)

Level 2

SUBJECT STATEMENT

The study of business is about how individuals and groups of people organise, plan, and act to create and develop goods and services to satisfy customers.

COURSE CONTENT

Students learning may include how to:

- develop and refine a business plan
- design, conduct and present market research for a product
- explain motivation theories and practice
- explain the roles and skills of managers and leaders
- use financial information for controlling, reporting, and decision making (break even analysis, costing methods, budgets, ratio analysis, annual accounts)
- explain the role global trends play in business success
- discuss corporate social responsibility, sustainability, and philanthropy
- explain sustainable (economic) business practices

Young Enterprise (YES) is a high profile experiential business programme developed by Enterprise New Zealand Trust and run in secondary schools.

ASSESSMENT CRITERIA

A probable course breakdown for assessment purposes is as follows. This may change slightly according to the needs of the student intake and students will be advised at the beginning of the year.

- 2 External Achievement Standards 8 credits
- 2 Internal Achievement Standards 12 credits

The Young Enterprise Exam. Success enables credits to be awarded through “credit inclusion”. These are only applied for if required and do not show on the Record of Achievement.

SPECIAL REQUIREMENTS

- Course Contributions : \$60
- Some start-up capital may also be required.

PRE REQUISITES

- To enter Young Enterprise, you must have achieved a minimum of a Level 1 NCEA certificate, including literacy and numeracy minimum requirements.

WHERE DOES IT LEAD?

- Business related study at University or running your own business when you leave school.

FURTHER INFORMATION FROM

Mrs Prendergast

CHEMISTRY (CHE) – Level 2

SUBJECT STATEMENT

Chemistry is the study of materials, their properties and how they interact with each other in fields such as organic chemistry, physical chemistry, inorganic chemistry and analysis.

COURSE CONTENT

- Qualitative analysis of solutions
- Quantitative analysis of solutions (titrations)
- Structure and properties of solid types and energy changes
- Organic basics
- Redox reactions
- Acids/bases, equilibrium and rates

SPECIAL REQUIREMENTS

- Covered shoes required.

ASSESSMENT CRITERIA

- | | | |
|---|-------------------|----|
| • 3 <u>External</u> Achievement Standards | Total No. credits | 13 |
| • 3 <u>Internal</u> Achievement Standards | Total No. credits | 10 |

PRE REQUISITES

- **At least** one Achieved and one Merit in the school end of year examination and the external examination for 90944 (Acids and Bases) **AND** passes in either Physics 90935 or Chemistry 90930.
- No entry from Science Internally Assessed course

WHERE DOES IT LEAD?

- Year 13 Chemistry
- Engineering
- Medical Sciences
- Food Technology
- Nursing
- Veterinary Science
- All life Science courses
- Technician
- Forensics

FURTHER INFORMATION FROM

Mrs Robertson or your Science Teacher

DESIGN AND VISUAL COMMUNICATION

(DVC) – Level 2

SUBJECT STATEMENT

Design and Visual Communication (DVC) is the study of product and spatial design. This encompasses anything that may be designed and created for a purpose. We use different drawing methods, rendering, computer design and model making techniques in order to complete the design process. Students will gain an understanding of what design is and have a fundamental skill level in both freehand and instrumental drawing.

COURSE CONTENT

- Level 2 extends the student's knowledge gained at Level 1. Level 2 students traditionally focus on Architectural design which includes building aspects and interior design. Students may also choose to study a product design. Students are introduced to the history of design, as well as Archi-CAD, a computer drafting programme.

There will be a focus on the following skills:

- Design process and presentation of a design brief.
- Research of a major design era.
- Freehand isometric, oblique and perspective drawing, exploded and section drawing.
- Technical drawing—by hand and computer-aided.
- Promotion of a design to an audience.
- Language associated with design.
- Model-making as part of the design process.

SPECIAL REQUIREMENTS

- Will need to purchase the Senior Graphics pack or similar materials.
- Course Contributions : \$30

ASSESSMENT CRITERIA

- Work will be assessed on a regular basis throughout the year, with summative marks given. Final submissions of Achievement Standards, both Internal and External is at the beginning of Term Four.
- 3 External Achievement Standards 10 credits
- 4 Internal Achievement Standards 13 credits

PRE REQUISITES

- 14 credits at Level 1 or at the discretion of Mr Jarman

WHERE DOES IT LEAD?

- Leads on to NCEA DVC Level 3
- Possible career avenues in :

Engineering	Advertising	Product design	Illustration
Surveying	Fashion Design	Sign Writing	Drafting
Graphic Design	Landscaping	Architecture	Building
- Leads to further secondary and tertiary study.

FURTHER INFORMATION FROM

Mr Jarman or Miss Crawford

DIGITAL TECHNOLOGY – ESSENTIALS (DTE)

Level 2

SUBJECT STATEMENT

Computers are an integral part of our everyday life. Therefore, confidence with PC technology including keyboarding, design, use of media and combining programmes is essential.

COURSE CONTENT

- Use a word processor to produce documents for a business or organisation
- Produce a presentation using a desktop presentation computer application
- Produce desktop published documents that meet a set brief
- Integrate spreadsheet and database data into word processed documents to meet a set brief
- Create and use a computer spreadsheet to solve a problem
- Demonstrate an understanding of ergonomic principles for computer workstations
- Create and use a computer database to solve a problem

SPECIAL REQUIREMENTS

- Students must demonstrate self-motivation and have good organisational skills. They will need an ability to be self-directed and work independently.

ASSESSMENT CRITERIA

- 7 Computing Unit Standards 22 credits (possible)

PRE REQUISITES

- The Essentials course is designed for students who have never completed a course in Digital Technologies previously.
- The Advanced course is designed for students who have successfully completed Digital Technologies at Level 1 or have extensive Digital Technologies skills.

WHERE DOES IT LEAD?

- Completion of this course can assist entry into some tertiary education and gives the student a most useful personal skill. Tertiary institutions prefer set assignments to be computer generated. Business/individuals must sell themselves. In order to do this well, high quality presentation of written data is most important and students could continue on to achieve Level 3 and University Entrance in Computing.

FURTHER INFORMATION FROM

Mrs Clemmet

DIGITAL TECHNOLOGY – ADVANCED (DTA)

Level 2

SUBJECT STATEMENT

Computers are an integral part of our everyday life. Therefore, confidence with PC technology including keyboarding, design, use of media and combining programmes is essential.

COURSE CONTENT

Internal:

- Construct a plan for an advanced computer program for a specified task
- Construct an advanced computer program for a specified task
- Develop a conceptual design for an outcome
- Undertake effective development to make and trial a prototype
- Implement advanced procedures to produce a specified digital information outcome with dynamically linked data – (BMX)

Two/Three above AND/OR one external – depending upon student choice

External (One of – student choice):

- Demonstrate understanding of advanced concepts relating to managing shared information within information systems.
- Demonstrate understanding of advanced concepts from computer science

SPECIAL REQUIREMENTS

- Students must demonstrate self-motivation and have good organisational skills. They will need an ability to be self-directed and work independently.

ASSESSMENT CRITERIA

- 3 Internal Achievements Standards 18 credits

PRE REQUISITES

- This Advanced course is designed for students who have successfully completed Digital Technologies at Level 1 or have extensive DTC skills.

WHERE DOES IT LEAD?

- Completion of this course can assist entry into some tertiary education and gives the student a most useful personal skill. Tertiary institutions prefer set assignments to be computer generated. Business/individuals must sell themselves. In order to do this well, high quality presentation of written data is most important and students could continue on to Year 13 to achieve Level 3 and University Entrance in Computing.

FURTHER INFORMATION FROM

Mrs Clemmet

DRAMA (DRM) – Level 2

SUBJECT STATEMENT

Drama is not just about acting. This course covers transferable skills that will be useful throughout life; communication, presentation/public speaking, collaborative and leadership skills, problem solving, time management, initiative and the ability to work to a deadline. We aim to build confidence while having fun. We have authentic learning – with REAL audiences.

COURSE CONTENT

This course:

- Teaches students about theatre forms.
- Allows students to devise and script their own play – based on issues and themes relevant to them.
- Gives students the opportunity to perform in a class production to a public audience.
- Continues to refine students' understanding of the drama techniques of voice, body, movement and use of space.

SPECIAL REQUIREMENTS

- Course Contributions : \$20.
- After school, weekend or holiday rehearsals may be required for public performances.

ASSESSMENT CRITERIA

- | | |
|------------------------------------|------------|
| • 2 External Achievement Standards | 8 credits |
| • 3 Internal Achievement Standards | 14 credits |

PRE REQUISITES

- Two Level 1 Internal Achievement Standards in Drama. Under special circumstances, entry is negotiable with the Head of Department.

WHERE DOES IT LEAD?

- Drama at NCEA Level 3 and Scholarship
- Performing Arts Technology Level 3
- Journalism / Broadcasting
- Law / Politics
- Event Management
- Actor / Actress
- Public Relations
- Teaching / Lecturing / Early Childhood
- Lighting, sound, set design
- Tourism / Customer Liaison / Hospitality
- Assists in careers involving public speaking or presentation
- Any career that requires collaboration, problem solving, or creativity

FURTHER INFORMATION FROM

Ms Bowers or Mrs Crooks

ECONOMICS (ECO) – Level 2

SUBJECT STATEMENT

Economics examines how people make choices about the use of limited resources to satisfy unlimited wants. It helps explain and predict how goods and services will be produced and consumed.

Economics explores issues of sustainability (efficient use of scarce resources), enterprise (identifying profit-maximising levels of output), citizenship (economic decisions affecting New Zealand society), and globalisation (the benefits of international trade).

COURSE CONTENT

This course applies economic theory and models to understanding current economic issues.

It: -

- Focuses on issues of employment, international trade and balance of payments, economic growth, inflation and equity.
- Examines and analyses these issues from differing points of view.
- Develops the skills of economic research, analysis and communication.
- Provides an understanding of the processes and effects of a range of government policies.

SPECIAL REQUIREMENTS

- Course Contributions : \$30.

ASSESSMENT CRITERIA

- A probable course breakdown for assessment purposes is as follows. This may change slightly according to the needs of the student intake and students will be advised at the beginning of the year.
 - 2 External Achievement Standards 8 credits
 - 3 Internal Achievement Standards 14 credits

PRE REQUISITES

- At least 10 credits in Level 1 English plus one Level 1 English external achievement standard, or in consultation with Head of Department.

WHERE DOES IT LEAD?

A basic study of Economics:

- Provides useful analytical skills and general knowledge of contemporary social and economic issues.
- Leads to further secondary and tertiary study in commerce, management, enterprise, law, journalism and finance

FURTHER INFORMATION FROM

Mrs Prendergast

ENGLISH (ENG) – Level 2

SUBJECT STATEMENT

As an English student, you'll study literature, language, culture, history, and develop your creative as well as formal writing skills. You'll have the flexibility to learn about what *you* enjoy most. At the same time, you'll develop valuable skills for any number of career choices.

COURSE CONTENT

This course builds on the appreciative and analytical skills learnt by students at Level 1. This course:

- offers students a variety of writing tasks, both creative and formal
- enables students to complete an oral presentation
- involves the study of one extended text
- provides the opportunity for close study of a film text
- requires wide reading of a variety of fiction and non-fiction texts
- encourages students to develop their ability to analyse unfamiliar texts

SPECIAL REQUIREMENTS

- none

ASSESSMENT CRITERIA

- 3 External Achievement Standards 12 credits
- 5 Internal Achievement Standards 17 credits

PRE REQUISITES

- Students are expected to have achieved the following as a basic requirement; at least eight credits in English Level 1 Full Course, including at least one essay and Unfamiliar Texts. Students who do not enjoy reading or extended writing tasks may be better suited to our MOE (Modular English course) and a referral to this course is automatic for those who have followed EIA in Level 1. Under special circumstances, such as illness, entry is negotiable with the Head of Department.

WHERE DOES IT LEAD?

- English is a versatile subject that can be relevant to almost any career. Most professions require entrants to have good verbal and written communication skills.
- Many of our students go on to obtain an English degree with a view to going into communications, public relations, event management, journalism, or, with extra training of course, a more specialised degree like law, medicine or teaching.

FURTHER INFORMATION FROM

Mrs Anderson
Mrs Traas

MODULAR ENGLISH (MOE) – Level 2 **(Internally Assessed Course)**

SUBJECT STATEMENT

As an English student, you'll study literature, language, culture, history, and develop your creative as well as formal writing skills. You'll have the flexibility to learn about what *you* enjoy most. At the same time, you'll develop valuable skills for any number of career choices.

COURSE CONTENT

- offers students a choice of writing tasks, both creative and formal
- enables students to complete a Reading Log on texts of their choice
- provides the opportunity for close study of a film text
- encourages students to develop their ability to analyse unfamiliar prose and visual texts

SPECIAL REQUIREMENTS

- None

ASSESSMENT CRITERIA

- 5 Internal Achievement Standards 20 credits

PRE REQUISITES

- Students who do not enjoy extended reading or writing tasks are well suited to our MOE (Modular English course) and a referral to this course is automatic for those who have studied MOE at Level 1. This course is particularly suited to those who like to be assessed when they finish a topic rather than have to learn to write an essay for an exam. Under special circumstances, such as illness, entry is negotiable with the Head of Department.

WHERE DOES IT LEAD?

- English is a versatile subject that can be relevant to almost any career. Most professions require entrants to have good verbal and written communication skills.

FURTHER INFORMATION FROM

Mrs Anderson
Mrs Traas

GEOGRAPHY (GEO) – Level 2

SUBJECT STATEMENT

Geography is the study of the earth and its features – both natural and cultural and the interactions between them. It gives students a holistic understanding of the world and includes skills and knowledge from both science and social science fields. Geography enables us to look at the world from a wide variety of different perspectives and teaches skills for developing a socially and environmentally sustainable future.

COURSE CONTENT

This course can include the following topics:

- Demonstrate geographic understanding of a large natural environment. E.g. Tongariro Volcanic Centre
- Demonstrate geographic understanding of differences in development e.g. Singapore and Sierra Leone
- Developing and applying Geographic skills (map work, visuals, spatial data, using data)
- Explain global geographic topics e.g. Global Patterns of Malaria
- Explain a New Zealand contemporary geographic issues e.g. Marine Reserves in the Bay of Islands
- Guided geographic research e.g. Vegetation Stratification on Mt Ruapehu, Tourism development

SPECIAL REQUIREMENTS

- Course Contributions : \$15
- Optional Marine Reserve Trip – Poor Knights – approximately \$100.

ASSESSMENT CRITERIA

- 2 External Achievement Standards 8 credits
- 3 Internal Achievement Standards 11 credits

PRE REQUISITES

- Students need to have completed Level 1 Geography and have achieved at least 10 credits including some external credits.
- Geography is a high writing subject and therefore entry will be at the discretion of the HOD. Students need to have achieved at least 10 credits in a high writing subject at Level 1, for example in History, Economics, Social Studies or English.

WHERE DOES IT LEAD?

- | | |
|----------------------------|--------------------------------|
| • Environmental Management | • Outdoor recreation |
| • Planning | • Tourism |
| • Law | • Geology |
| • Civil Engineering | • Civil Defence |
| • Journalism | • Surveying |
| • Teaching | • Event management |
| • Urban planning | • Demography and policy making |

FURTHER INFORMATION FROM

Miss Boisen

HISTORY (HIS) – Level 2

SUBJECT STATEMENT

History is the study of Mankind and society. An understanding of the past allows students to see current issues in a wider context. It gives students a broad variety of transferable skills and knowledge, such as prioritising information, making judgements based on best evidence, and an appreciation of the way our ancestors have created the world we inhabit today. History enables us to look at the world from a wide variety of different perspectives and teaches students to be aware of cultural and historical differences between peoples.

COURSE CONTENT

This course covers:

- Causes and consequences of the rise of Hitler and the Nazis
- The Holocaust
- The Vietnam War
- Historical tragedies: The Assassination of JFK ; Study of Conspiracy Theories

SPECIAL REQUIREMENTS

- None

ASSESSMENT CRITERIA

- 2 External Achievement Standards 9 credits
- 3 Internal Achievement Standards 14 credits

PRE REQUISITES

- At least 12 credits from Level 1 History or Level 1 English, and at least 4 credits from an External in Level 1 History or English, or by negotiation with the Head of Department.

WHERE DOES IT LEAD?

- History teaches you to research information from studying cartoons, newspapers, documents, films, maps etc; to make sense of it, draw conclusions and report in readable, concise prose.
- Vocational opportunities for historians continue to grow as the skills taught apply in many jobs which deal with information and people.
- Historians can expect to find employment in many fields, including law, business, teaching, industry, trade, tourism and commerce; in Government Departments – foreign affairs, trade, treasury, justice, banking, law; in publishing, journalism, radio and television - wherever critical judgement and good expression are valued.

FURTHER INFORMATION FROM

Mrs Jarman

HOSPITALITY (HOS) – Level 2

SUBJECT STATEMENT

Hospitality provides students with the opportunity to gain knowledge, skills and experience in the preparation, cooking and serving of food and beverages to a Hospitality industry standard.

COURSE CONTENT

This course includes specific studies in:

- Term 1 : Basic skills and preparation of food, including food safety methods
- Term 1 : Handling and maintaining knives
- Terms 1 - 4 : Techniques and skills for specific methods of cookery
- Terms 3 - 4 : Industry-level service skills (in both food and beverage service)
- Terms 2 - 4 : Real-life assessment environments – our training restaurant

SPECIAL REQUIREMENTS

- Course Contributions : \$120.
- Students are encouraged to enter senior Hospitality competitions, where possible
- Some practical assessments will be outside of normal school hours (specifically in our Training Restaurant over school lunch periods, dinner assessments etc)

ASSESSMENT CRITERIA

Standards will be selected from the following:

- 4 Unit Standards – internal (Cookery Skills) 10 credits
- 3 Unit Standards – internal (Food and Beverage Service) 9 credits

PRE REQUISITES

- Students would usually need to have gained at least 14 credits in Year 11 Hospitality, in order to progress to Year 12 Hospitality. Under special circumstances, entry is negotiable with the Head of Department.
- In order to progress to 'Year 13 Hospitality - Advanced', a student will need to gain all 19 credits in Level 2 Hospitality. Students who do not gain all 19 credits in Level 2 Hospitality are advised to choose 'Year 13 Hospitality – Essential Skills' (which includes some Level 3 standards).

WHERE DOES IT LEAD?

- Provides valuable theoretical and practical knowledge leading to further studies in Year 13 Hospitality and at tertiary level
- Provides students with valuable practical skills that can be used to gain employment during tertiary study, gap years, travel etc
- Can lead to careers in the Hospitality industry (chef training, hotel management, apprenticeships, event management)

FURTHER INFORMATION FROM

Mr Hart

HUMAN DEVELOPMENT (HUM) - Level 2

SUBJECT STATEMENT

This course provides opportunities for students to gain knowledge and experience in:

- Human development from conception to adolescence.
- How individuals, their families and communities aid healthy development and the affect choices have on the lifestyles of people.

COURSE CONTENT

This course includes studies in:

- The physical, intellectual, social and emotional development of children.
- The role of adults in meeting care needs and promoting good health.
- Education for young children to develop their potential.
- Hauora / Well-being and Health Promotion.
- Nutrition and food choices and their effect on health.

Note: Some practical food preparation will be included.

SPECIAL REQUIREMENTS

- Course Contributions : \$40.
- Students will be expected to participate in a Gateway Programme at local Early Childhood Education Centres.
- A workbook will need to be purchased at the cost of approximately \$27.00

ASSESSMENT CRITERIA

Assessment for this course will be based on a selection from the following:

- Achievement Standards from the Home Economics Matrix and Unit Standards from the Early Childhood Matrix under the auspices of the NZ Plunket Society:
- 1 External Achievement Standards 4 credits
- 2 or 3 Internal Achievement Standards 5 credits each
- 1 or 2 Unit Standards 3 credits each

PRE REQUISITES

- There are no prerequisites for this subject but previous participation in "Food Studies" will be an advantage.

WHERE DOES IT LEAD?

- Level Three Human Development.
- Towards the National Certificate in Early Childhood Education and "Care" careers.
- Careers involving working with people e.g. Teaching, Nursing, Police, Psychology.

FURTHER INFORMATION FROM

Mrs Nagel/ Mr Hart

MĀORI STUDIES (MAO) – Level 2

Te Reo Māori

SUBJECT STATEMENT

Te Reo Māori, the indigenous language of Aotearoa, is a taonga and is guaranteed protection under the Treaty of Waitangi. As students learn in Te Reo Māori, they also deepen their knowledge and understanding of tikanga Māori and develop their own personal, group and national identities.

COURSE CONTENT

- Whakarongo kia mōhio ki te reo o te ao torotoro
- Kōrero kia whakamahi i te reo o te ao torotoro
- Pānui kia mōhio ki te ao torotoro
- Tuhi i te reo o te ao torotoro
- Waihanga tuhinga auaha i te reo o te ao torotoro
-

SPECIAL REQUIREMENTS

- None

ASSESSMENT CRITERIA

- 2 External Achievement Standards 12 credits
- 3 Internal Achievement Standards 16 credits

PRE REQUISITES

- 12 credits in Māori Studies Level 1; 6 credits from an External Achievement Standard, or in consultation with the Head of Department

WHERE DOES IT LEAD?

- Level 3 Maori, tertiary programmes in Te Reo Māori.
- University Māori Language papers.
- Cultural Advisor (Government Department)
- Race Relations
- Languages
- Teaching
- Performing Arts
- Kohanga Reo, Kura Kaupapa, Teachers, Kai Awhina
- Radio/Television Journalist
- Police officer
- Radio broadcaster/Television presenter
- Moko artist
- Personal, social, cultural development
- Advantages in a wide range of vocational areas

FURTHER INFORMATION FROM

Whaea Maruia

MATHEMATICS with STATISTICS & CALCULUS

(MSC) – Level 2

SUBJECT STATEMENT

Mathematics and Statistics is the exploration and use of patterns and relationships in quantities, space, time and data. Through being engaged in knowing, doing, and thinking mathematically and statistically, students develop effective means for investigating, interpreting, explaining, and making sense of the world in which they live. Students planning on studying Level 3 Calculus must choose this option.

COURSE CONTENT

This course broadens and extends students' mathematical experiences, and provides a more formal foundation to support tertiary study in Mathematics and a wide range of other subjects. Much of the content at Level 2 is unfamiliar. This course introduces:

- Polynomial, circle, hyperbola, logarithm, trigonometry and exponential functions and graphs
- Non-right-angle Trigonometry
- Coordinate Geometry, Calculus
- The Normal probability distribution

SPECIAL REQUIREMENTS

- Graphics calculator
- Write-on workbooks – the cost is approximately \$6 per standard

ASSESSMENT CRITERIA

- | | |
|------------------------------------|------------|
| • 3 External Achievement Standards | 14 credits |
| • 5 Internal Achievement Standards | 15 credits |

PRE REQUISITES

- Level 1 Mathematics – at least “Achieved” (or equivalent), in the relevant Level 1 achievement standards (91026, 91027, 91028, 91031, 91035, 91036, 91037).
- The most successful students are those who have very strong Level 1 results and are prepared to work hard at mastering the many new concepts at Level 2.
- Under special circumstances, entry is negotiable with the Head of Department.

WHERE DOES IT LEAD?

Students who complete this course have an advanced range of mathematical skills and techniques they could use to solve problems in a wide range of contexts. Students could consider:

- Level 3 Calculus (Achievement in relevant Level 2 standards is required).
- Level 3 Statistics (Achievement in relevant Level 2 standards is required).
- Level 3 science, business and technology courses
- Careers in Business, Technology and the Sciences

FURTHER INFORMATION FROM

Mrs Gardner

MATHEMATICS with STATISTICS (MAS)

Level 2

SUBJECT STATEMENT

Mathematics and Statistics is the exploration and use of patterns and relationships in quantities, space, time and data. Through being engaged in knowing, doing, and thinking mathematically and statistically, students develop effective means for investigating, interpreting, explaining, and making sense of the world in which they live.

COURSE CONTENT

This course broadens and extends students' mathematical experiences, especially in Statistics. Much of the content at Level 2 is unfamiliar. This course introduces:

- Polynomial, circle, hyperbola, and exponential functions and graphs
- Non-right-angle Trigonometry
- A formal approach to Sequences and Series problems
- Networks
- Statistical experiments
- The Normal probability distribution

SPECIAL REQUIREMENTS

- Graphics calculator
- Write-on workbooks – the cost is approximately \$6 per standard

ASSESSMENT CRITERIA

- | | |
|------------------------------------|------------|
| • 1 External Achievement Standards | 4 credits |
| • 7 Internal Achievement Standards | 18 credits |

PRE REQUISITES

- Level 1 Mathematics – at least “Achieved” (or equivalent), in the relevant Level 1 achievement standards (91026, 91028, 91029, 91035, 91036, 91037).
- The most successful students are those who are prepared to work hard at mastering the many new concepts at Level 2.
- Under special circumstances, entry is negotiable with the Head of Department.

WHERE DOES IT LEAD?

Students who complete this course have an advanced range of mathematical skills and techniques they could use to solve problems in a wide range of contexts. Students could:

- Take Level 3 Statistics (Achievement in relevant Level 2 standards is required).
- Find it useful for some Level 3 Science, Business and Technology courses
- Find it useful for some careers in Business, Technology and the Sciences

This course does not lead to advanced mathematics courses.

FURTHER INFORMATION FROM

Mrs Gardner

MUSIC (MUS) – Level 2

SUBJECT STATEMENT

In Music, emotion, intellect, and imagination are articulated through sound. Music allows us to express feelings and ideas about ourselves and our place in the world, using symbolic notation, live performances, compositions and analysis of existing pieces.

COURSE CONTENT

- Present contrasting performances as a **featured soloist** on up to two instruments
- Present music performances as a **member of a group**
- **Compose** effective pieces of music
- Create an **Instrumentation**
- Identify, describe and **transcribe** elements of **music** through listening to a range of music
- **Score reading** and theory
- Demonstrate knowledge and understanding of **music works**
- Research an aspect of New Zealand Music

SPECIAL REQUIREMENTS

- Receive instrumental or vocal tuition either privately or in school
- Own or hire an instrument
- Itinerant Music Tuition : \$25 per term if learning through school
- A willingness to participate in music groups and public performance both in school and outside
- Attend concerts by visiting musicians either in or outside school
- Drums and Guitar tuition is only available to Year 7s and 8s, and students taking Music as an option from Year 9-13. Piano tuition is available only for option music students.
- Course Contributions : \$30.
- Performance assessment may occur in evening concerts

ASSESSMENT CRITERIA

- 3 External Achievement Standards 12 credits
- 6 Internal Achievement Standards 27 credits
- There is opportunity and expectation for individualised programmes of study depending on strengths and skill level

PRE REQUISITES

- Must have studied for at least 3 years to sing or play an instrument
- 12 credits Level 1 NCEA
- **OR** Grade 4 Practical ability on an instrument and theory knowledge and understanding (must be able to read and write music)

WHERE DOES IT LEAD?

Tertiary Qualifications

- NZQA National Certificate in Music
- Polytechnic Diploma and Degree Courses in Rock or Jazz Music at Christchurch, Hamilton and Wellington, University Degree in Music at Auckland, Christchurch, Wellington and Waikato.

Music Careers for example

- Performer, conductor, accompanist, Technical aspect of music – composer, recording, sound technician. Teaching – at various levels, music therapist

FURTHER INFORMATION FROM

Mrs McGlinchey

OUTDOOR EDUCATION (OED) – Level 2

SUBJECT STATEMENT

Outdoor Education facilitates positive relationships between students and the outdoor environment. Practical sessions engage students into examining opportunities to learn about the environment and foster an appreciation of it. Skill learning and management of risk endears the students, both as individuals and groups, to participate outside the classroom in a safe and challenging way.

COURSE CONTENT

This course contains:

A theory component, which will develop the students understanding of:

- Risk Management : assessing risk, putting preventative measure in place.
- Navigation
- Planning a Trip
- First Aid
- Coastguard Boating Education course- Day Skippers

Practical activities putting the theory into practice:

- Sea kayaking
- Tramping
- Bush survival
- ABL- small group and whole class challenges
- Shelters- tents and bivouacs
- Outdoor cooking

SPECIAL REQUIREMENTS

- Course Contributions : \$200 for the year, or \$50 per term.
- Attendance on trips and camps is mandatory to ensure the requirements of the Achievement and Unit standards are met.
- A medical certificate is required if a student cannot participate in an activity.
- It is the students' responsibility to catch up with work that is missed in other subjects.

ASSESSMENT CRITERIA

- 3 Internal Achievement Standards 9 credits
- 4 Unit Standards 16 credits

PRE REQUISITES

- This course has one Achievement Standard that is repeated in Physical Education, if the student opted to take both subjects.

WHERE DOES IT LEAD?

- Develops personal skills and confidence in outdoor activities.
- Level 3 Physical Education
- Outdoor instructor courses

FURTHER INFORMATION FROM

Mr Cannon or Mrs Rennes

PERFORMING ARTS TECHNOLOGY (PAT)

Level 2

SUBJECT STATEMENT

We were the first school in the country to offer a Performing Arts Technology full course. Performing Arts Technology focuses on the design aspect of theatre: students work in a range of technology mediums in a variety of collaborative ways towards a common goal. In most cases, students are all working on different projects within the same class and in real world situations – they are designing and creating for actual productions. All practical assessments require a theoretical element and are supported by written work, which justifies the students' design or construction work.

COURSE CONTENT

This course:

- Gives students the experience of stage design; publicity; make up design and application; costume design and creation; production management; stage management; front of house management; lighting design and operation.
- Introduces students to stage makeup – including special effects make up.
- Gives students the chance to experiment with different theatre lighting effects, including designing, rigging and operating lighting for a public performance.
- Teaches students about costuming; culminating in a design for a specific character.
- Allows students to get involved in a production role of their choice for a school-based production. Students will have control of one production area and follow this through from design to performance.

SPECIAL REQUIREMENTS

- Course Contributions : \$50.
- Will involve out of class time for evening performances.
- Students will be required to provide their own make-up wipes and brushes for the make-up component of the course.

ASSESSMENT CRITERIA

- 5 Internal Achievement Standards 20 credits

PRE REQUISITES

- None

WHERE DOES IT LEAD?

- Production work in film / television / theatre
- Makeup and hairdressing
- Teaching
- Event Management
- Production management
- Theatre management
- Lighting, sound, set design
- Any career which requires collaboration, problem solving or creativity.

FURTHER INFORMATION FROM

Mrs Crooks

PHYSICAL EDUCATION (PED) – Level 2

SUBJECT STATEMENT

Physical Education is experiencing participation in games and sport that require students to play as an individual and as a team member. It combines the application of skill technique and strategy to ensure activity is worthwhile and meaningful. Physical Education allows individuals to broaden their existing knowledge and is important to a healthy lifestyle.

COURSE CONTENT

This course:

- Requires students to actively participate in a wide range of individual and team activities
- Gives students the opportunity to perform socially and competitively
- Allows students to have their physical performance assessed against National Standards
- Is practically based but does require writing. Approximately 25% will be theory
- Gives students an introduction to leadership training

This is an alternative to the Level 2 Physical Education – Advanced course. You cannot do this option AND the Level 2 Physical Education Advanced course.

SPECIAL REQUIREMENTS

- A suitable change of clothing is required for every session. Most lessons are assessed.
- A medical certificate and/or excused note will be required from all non-participants
- No student will participate if they do not have a change of clothes

ASSESSMENT CRITERIA

- 5 Internal Achievement Standards 17 credits

PRE REQUISITES

- Students must be eager and enthusiastic about participating. Students who have struggled with the written requirements of Physical Education – Advanced Level 1 may find this course a better option. 80% active participation in Level 1 Physical Education is required, or by HOD discretion.

WHERE DOES IT LEAD?

- Provides useful, practical experiences that contribute to an enjoyable lifestyle
- Leads to Physical Education at Level 3
- Is a good base for tertiary study in Sport, Recreation, Leisure and Physical Education

FURTHER INFORMATION FROM

Mr Cannon or Mr Barker

PHYSICAL EDUCATION – ADVANCED (PEA)

Level 2

SUBJECT STATEMENT

Physical Education is experiencing participation in games and sport that require students to play as an individual and as a team member. It combines the application of skill technique and strategy to ensure activity is worthwhile and meaningful. Physical Education allows individuals to broaden their existing knowledge and is important to a healthy lifestyle.

COURSE CONTENT

Physical Education is the development of movement education, including human anatomy and functions, psychological skills and leadership training specifically targeted to enhance physical performance. This course includes 40-50% theory work.

- Anatomy and Biomechanics
- Methods and Principles of Training to enhance the Components of Fitness
- Leadership Training
- Physical performance at a competitive level

You cannot do this option AND Level 2 Physical Education.

SPECIAL REQUIREMENTS

- Medical certificates and/or excuse notes are required if a student cannot participate
- A change of clothes is essential for practical sessions; no students will participate in uniform.
- Being involved in extra-curricular sport is an advantage for the Practical Achievement Standard.

ASSESSMENT CRITERIA

- 5 Internal Achievement Standards 20 credits

PRE REQUISITES

- Achieved grade or higher in at least two theoretical Achievement Standards done at NCEA Level 1 or in consultation with the Head of Department, Mr Connon.
- An alternative option to this course is Physical Education Level 2.
- 80% active participation in Level 1 Physical Education is required, or by HOD discretion.

WHERE DOES IT LEAD?

- Year 13 NCEA Level 3 course
- Physical Education – Practical Year 13

University and Polytechnic degrees/courses in:

- Physical Education, Sport Fitness and Leisure Management, Physiotherapy, Leisure/Sport Studies
- Teaching, Recreation and Sport, Sport Science, Adventure Tourism

FURTHER INFORMATION FROM

Mrs Rennes or Mr Barker

PHYSICS (PHY) – Level 2

SUBJECT STATEMENT

Physics is the science of matter and energy and of interactions between the two, grouped in fields such as mechanics, electricity, electromagnetism, waves and light as well as atomic and nuclear physics.

COURSE CONTENT

This course builds on the Physics of Year 11 and expands it with more breadth and depth. The five main areas taught are:

- Practical Investigation
- Atomics and Nuclear Physics
- Mechanics
- Electricity and Electromagnetism
- Light and Waves

SPECIAL REQUIREMENTS

- A graphical calculator is highly recommended.

ASSESSMENT CRITERIA

- 3 External Achievement Standards 16 credits
- 2 Internal Achievement Standards 7 credits

PRE REQUISITES

- Science 1.1 (Mechanics) at Merit or better in either the End of Year Exams or NCEA Externals

AND

- Maths (Algebra) Level 1 at Achieved or better or acceptance into Level 2 full Maths course
- OR
- Under special circumstances, entry is negotiable with the Head of Department.

WHERE DOES IT LEAD?

- NCEA Level 2 Physics is a pre requisite for Level 3 Physics. Physics is a good indication of practical ability and problem solving skills for both employers and tertiary education. Many university courses such as technical, scientific or engineering courses require Physics.
- Architecture

FURTHER INFORMATION FROM

Mr. Lumkong

RURAL STUDIES (RUS) – Level 2

SUBJECT STATEMENT

Rural Studies is the combined content of Agriculture, Horticulture, Apiculture, Equine and Dairy Modules. Theory based material from Telford Rural Polytechnic and Taratahi Agricultural Training Centre alongside work experience through the Gateway work experience programme to ensure students can combine theory with practical. This course is not University Approved.

COURSE CONTENT

This course can be at Level 2 or Level 3 (or a combination) in modules of interest of the student

- Agriculture
- Horticulture
- Apiculture (Bee Keeping)
- Equine
- General Farming

SPECIAL REQUIREMENTS

- It is a requirement of this course that students undertake a Gateway placement from Term 1 for one day a week for three terms.
- Course Contributions : \$25.

ASSESSMENT CRITERIA

- Internal Unit Standards: 24 credits per student are available from a combination of modules

PRE REQUISITES

- Nil. However, as this is a module course, a good level of literacy is required and an ability to work independently.

WHERE DOES IT LEAD?

- Level 2 Rural Studies into Level 3 Rural Studies
- Can continue at Telford Rural Polytechnic or Taratahi Agricultural Training Centre etc after they leave school

FURTHER INFORMATION FROM

Mrs Crawford or Mrs Halliday

SCIENCE (SCI) – Level 2

SUBJECT STATEMENT

General Science uses experimentation, research and observation to understand the world around us. It includes investigations into the Physical, Chemical and Biological world.

COURSE CONTENT

This course builds on the Year 11 Science Courses to expand student understanding to a higher level. It is not designed for students intending to study separate Sciences at or beyond this level. Students will be able to choose standards from a selection offered and prepare for assessments using digital learning tools. Topics will be available from the following domains:

- Biology
- Chemistry
- Physics
- Earth and Space Science
- Agriculture and Horticulture

SPECIAL REQUIREMENTS

- A scientific calculator is essential
- A tablet or laptop would be useful

ASSESSMENT CRITERIA

- A selection of internal and external Achievement Standards up to 24 credits

PRE REQUISITES

- One level 1 Achievement Standard at Achieved or better in Science and one other standard passed in Science. Students may not study Biology, Chemistry or Physics in combination with this subject.

WHERE DOES IT LEAD?

- Courses which require the completion of a Level 2 Science course
- Careers such as military positions which require the completion of a Level 2 Science course
- This course does not lead to separate level 3 Science courses.

FURTHER INFORMATION FROM

Ms Durbin or your Year 11 Science teacher

SENIOR SOCIAL STUDIES (SST)

Level 2

SUBJECT STATEMENT

Senior Social Studies is about how societies work and how people can participate in their communities as informed, critical, active, and responsible citizens.

Students examine the causes and effects of social issues that relate to identity, culture, and organisation, and learn to take actions that may bring about social improvement.

They investigate how individuals, communities, and societies respond to change and how ideas about society develop over time.

COURSE CONTENT

This course is open to a wide range of current contemporary content. The key themes are Social Action and Cultural Conflict and students will be exploring issues that enable them to:

- Understand how communities and nations meet their responsibilities and exercise their rights in local, national, and global contexts.
- Understand how conflicts can arise from different cultural beliefs and ideas can be addressed in different ways with differing outcomes.

SPECIAL REQUIREMENTS

- Optional – own device for note keeping, research and ongoing inquiry
- Course Contributions : \$18
- Two internal assessments are project and inquiry based and will rely heavily on independence and time management

ASSESSMENT CRITERIA

- | | |
|------------------------------------|------------|
| • 3 Internal Achievement Standards | 14 credits |
| • 2 External Achievement Standards | 8 credits |

PRE REQUISITES

- Students who have completed Level 1 Social Studies must have achieved at least 8 credits with 4 credits from externals;
- Students who have not completed Level 1 Social Studies need to have achieved at least 8 credits in a high reading and writing subject (History, Geography or English) at Level 1 with at least 3 credits from externals.
- Entry will be at the discretion of the HOD if students do not meet the pre requisites.

WHERE DOES IT LEAD?

Law	Sociology
Journalism	Civil Defence
Teaching	Navy
Tourism	Army

FURTHER INFORMATION FROM

Mrs Rakena

SPANISH (SPA) – Level 2

SUBJECT STATEMENT

This course concentrates on the receptive skills of listening to, viewing and reading as well as the productive skills of writing, speaking and performing Spanish.

COURSE CONTENT

- Knowledge of Spanish language covered in Level 1 will progress to areas where the context is less familiar to the students, eg debating, employment, history, health issues, and school life in a Spanish boarding school. This course will allow students to reflect on and make many comparisons between Spanish speaking cultures and their own. The up to date scholastic materials along with vibrant video study topics will provide students with material at a relevant level that are current and aimed at the teenagers of today.

SPECIAL REQUIREMENTS

- Course Contributions : \$21.

ASSESSMENT CRITERIA

- | | |
|---|------------|
| • 3 <u>Internal</u> Achievement Standards | 14 credits |
| • 2 <u>External</u> Achievement Standards | 10 credits |

PRE REQUISITES

- Minimum 14 credits at Level 1 Spanish or equivalent

WHERE DOES IT LEAD?

- Leads on to Spanish NCEA Level 3 Spanish and Spanish at tertiary level
- Pre/co-requisite for other tertiary qualifications
- Travel industry
- Business/International Affairs/External Affairs/Trade industry
- Interpreting/translating
- The learning of other languages

FURTHER INFORMATION FROM

Miss Williams

TECHNOLOGY – ENGINEERING (TEM)

Level 2

SUBJECT STATEMENT

This course is for students who want to work in trades linked to Engineering. It is based on Tools4work / Competenz Unit Standards that lead towards employment and apprenticeships in a range of industrial sectors. The work focuses particularly on the use, shaping and joining of metals during practical tasks. It studies the correct selection of materials based on their physical, chemical or mechanical properties and the use of machine tools to shape them. Engineering is a wide-ranging field that encompasses everything from basic fabrication and construction work through to high tech research and development. Most of the credits on offer will be achieved from the production of an off-road scooter.

Further information on career pathways can be found at - www.competenz.org.nz

COURSE CONTENT

This course:

- Studies the properties of materials and how they are best applied
- Develops students' skills further in the use of machines and hand tools to make more complex products building on the skills learnt at level 1
- Develops skills in the use of marking out equipment required to work with accuracy
- Teaches the use of a range of dimensional measuring equipment
- Builds up competency in the use of hand power tools and related safety equipment

SPECIAL REQUIREMENTS

- Course Contributions : \$50.
- Suitable workshop footwear. Open toed shoes, sandals and jandals are not allowed.
- All health and safety rules must be followed to take part in practical activities.

ASSESSMENT CRITERIA

- 5 Unit Standards 17 credits

PRE REQUISITES

- To enter Level 2, a student would need to have successfully completed a Level 1 course in either Engineering or Practical Technology and achieved all the credits on offer. Under special circumstances, entry is negotiable with the Head of Department. Students who are interested are encouraged to make an enquiry as prior experience, career goals and achievement in other subjects may be taken into account.

WHERE DOES IT LEAD?

- Level 3 Technology
- Level 3 Automotive
- Employment in related fields or apprenticeships.

FURTHER INFORMATION FROM

Mr Clark

TECHNOLOGY – PRACTICAL TECHNOLOGY

(TEP) – Level 2

SUBJECT STATEMENT

This course is for students who want to work in trades linked to the use of timber and construction materials. It is based around Unit Standards from the BCITO that link directly to careers and apprenticeships in the building trade. At Level 2 students will be given the opportunity to work with a wide range of hand tools, power tools and machines. In projects a combination of timber, metal and other materials can be used. These will be cut, shaped, formed and joined using a range of workshop processes. Projects will also allow students to use computer-controlled machines along with traditional methods of shaping materials.

COURSE CONTENT

This course:

- Teaches the safe and correct use of a range of tools and processes
- Expand understanding of materials properties
- Builds upon the use of workshop machines experienced at Level 1
- Develops communication skills in the context of the workplace
- Develops skills in the production of decorative and structural wood joints.

SPECIAL REQUIREMENTS

- Course Contributions : \$50.
- Suitable workshop footwear. Open toed shoes, sandals and jandals are not allowed.
- All health and safety rules must be followed to take part in practical activities.

ASSESSMENT CRITERIA

- 4 Unit Standards (BCITO) 20 credits

PRE REQUISITES

- To join the Level 2 course, a student would need to have successfully completed a Level 1 course in either Engineering or Practical Technology and achieved all credits on offer. Under special circumstances, entry is negotiable with the Head of Department. Students who are interested are encouraged to make an enquiry as prior experience, career goals and achievement in other subjects will be taken into account.

WHERE DOES IT LEAD?

- Pre-apprenticeship courses or employment in building and furniture trades
- Apprenticeships in areas such as building, carpentry, boat building and furniture making
- Level 3 Technology course

FURTHER INFORMATION FROM

Mr Clark

TOURISM (TOU) – Level 2

SUBJECT STATEMENT

In this course, students are given an introduction to the Tourism industry. They will study how the industry operates and the types of roles available within it.

COURSE CONTENT

This course will cover:

- Work roles in the tourism industry
- World tourist destinations
- New Zealand as a tourist destination
- Characteristics of tourists
- The business of tourism
- The use of the internet in the tourism industry
- The history of tourism
- Impacts of tourism

SPECIAL REQUIREMENTS

- Course Contributions : \$50 + \$15 for fieldtrip

ASSESSMENT CRITERIA

- 7 Unit Standards 28 credits (all internally assessed)

PRE REQUISITES

- None

WHERE DOES IT LEAD?

- Post-school study in tourism and hospitality
- Jobs in the tourism sector, for example:
 - Hotels and hotel management
 - Travel agent
 - Travel wholesaler
 - Air steward
 - Tour guiding
 - Hosting
 - Outdoor leadership and recreation
 - Accommodation providers
 - Cruise ships
 - Adventure Tourism

FURTHER INFORMATION FROM

Miss Boisen

Kerikeri High School



YEAR 13

CURRICULUM GUIDE FOR 2018

YEAR 13 CURRICULUM GUIDE

THIS BOOKLET TELLS YOU

- What the subject is about
- Any special requirements you need to fulfil to study the subject
- Where the subject can take you

HOW DO YOU DECIDE WHAT SUBJECT TO CHOOSE?

Consider

- **How well you have done in a subject so far**
- What subjects you have done already
- Your own preference
- Careers interests – through keeping in mind that you need to keep your careers options open
- Have you checked the requirements for **University Entrance** at the start of this guide?

WHO CAN HELP YOU DECIDE?

You will make your initial choice in consultation with your parents. Following this you, and your parents if they wish, will have the opportunity to discuss your choice with a member of a Course Counselling Team.

Other people who may help you decide are subject Teachers, Heads of Department, Guidance Counsellors, the Careers Advisor, the Deputy Principals and your Dean.

HOW MANY SUBJECTS DO I TAKE?

All Year 13 students choose 5 subjects across five of the six option lines.

YEAR 13

In Year 13 all students study 5 subjects

Most subjects offer up to 24 credits towards NCEA. The number of credits offered is shown in the Assessment Criteria on each page in the Curriculum Guide.

In order to receive NCEA at Level 3 students need a total of 80 credits, 60 of these at Level 3.

Certificate Endorsement

NCEA certificates can be endorsed with ***Merit*** or ***Excellence***.

Merit Endorsement - 50 credits at Merit or better at the level of the certificate

Excellence Endorsement - 50 credits at Excellence at the level of the certificate

Course Endorsement

Courses may be endorsed with Merit or Excellence. This provides recognition for students who perform exceptionally well in individual courses.

Students will gain an endorsement for a course where they achieve:

1. 14 or more credits at ***Merit*** or ***Excellence*** at the lower level that supports the endorsement
2. at least 3 credits from externally assessed standards and 3 credits from internally assessed standards (except for Physical Education and Level 3 Visual Arts)
3. sufficient credits in a single year.

University Entrance

Please note that to achieve **University Entrance** at the end of Year 13 students must have the following minimum requirements.

- **NCEA Level 3**
- **Literacy:**
 - 5 credits at Level 2 or above in Reading (English or Maori) AND
 - 5 credits at Level 2 or above in Writing (English or Maori)
- **Numeracy:**
 - 10 credits in Mathematics at Level 1 or higher
- **Subject:**
 - 14 credits in achievement standards in each of **3** subjects from the approved list for University Entrance (see the list at the front of this guide.)

LEVEL 3 SUBJECTS OFFERED IN YEAR 13

- ARD - Art (Design)
- ARA - Art (Painting)
- ARP - Art (Photography)
- AUT - Automotive
- BIO - Biology
- MAN - Business Management
- MAC - Calculus
- CHE - Chemistry
- DVC - Design & Visual Communication (Graphics)
- DTC - Digital Technology
- DRM - Drama
- ECO - Economics
- ENG - English Literature
- EMT - English Media Theory
- GEO - Geography
- HIS - History
- HOE - Hospitality – Essentials
- HOS - Hospitality – Advanced
- HUM - Human Development
- MAO - Māori Studies
- MUS - Music
- PAT - Performing Arts Technology
- PED - Physical Education
- PEA - Physical Education – Advanced
- PHY - Physics
- RUS - Rural Studies
- SST - Social Studies
- SPA - Spanish
- MAS - Statistics
- TEC - Technology
- TOU - Tourism

ART - DESIGN (ARD) - Level 3

SUBJECT STATEMENT

Art Design enables students to approach creative problems in new and interesting ways. Students work in a variety of media, working with illustration, taking their own photographs, producing fonts, and learning to produce and publish work digitally using industry standard software such as Adobe InDesign, Illustrator and Photoshop. In Level 3 Art Design, students undertake a range of self-developed briefs, which provide integrated investigation into related themes and issues including cultural, media and historical contexts.

COURSE CONTENT

- Research methods and ideas from established design practice
- Use drawing to demonstrate understanding of conventions appropriate to design
- Systematically clarify ideas using drawing informed by established design practice
- Produce a systematic body of work that integrates conventions and regenerates ideas within Design

SPECIAL REQUIREMENTS

- Course Contributions : \$25.
- The printing required for external folio boards is an additional expense; the school can arrange this through an outside provider on a student's behalf at cost, however students may also choose to do their own printing either at school or offsite instead. The approximate additional cost is \$60.

ASSESSMENT CRITERIA

- This subject is University Entrance approved
- 2 Internal Achievement Standards 8 credits
- 1 External Achievement Standards 14 credits

For the external assessment students will present a three-panel folio, or moving image, of related works which respond to a series of self-directed briefs, showing generation, development and regeneration of ideas within design.

PRE REQUISITES

- Students must have achieved 14 credits in any of Year 11 ADI, Year 12 Art Design, Year 12 DVC or Year 12 Photography. Special entry may be considered in consultation with the Head of Department.

WHERE DOES IT LEAD?

- Beyond secondary school, the study of Visual Arts leads to a broad range of courses and career opportunities in the creative industries, which are becoming progressively more important to economic well-being. The industries of the twenty-first century will depend increasingly, on the generation of ideas and knowledge through creativity and innovation.
- Career pathways in the Visual Arts may include Advertising, Architecture, Artist, Design (Interior, Fashion, Product, Transport and Communication), Signwriting, Software and Gaming Development, Performing Arts, Costume Design, Event Management, Public and Community Arts, Gallery or Museum Curator, Media (Television, Film, Video and Photography) Online Publishing and Development.

FURTHER INFORMATION FROM

Mr Nel or Mrs Wise

ART - PAINTING (ARA) - Level 3

SUBJECT STATEMENT

Art - Painting is a practical course, which gives students the opportunity to express creativity and imagination, and develop technical skills. Students work with a variety of different media, refining skills in drawing and painting processes, creating in-depth and interesting works. Students work with perceptual skills, develop creative imagination and advance their technical and critical faculties.

COURSE CONTENT

- Analyse methods and ideas from established painting practice
- Use drawing to demonstrate understanding of conventions appropriate to painting
- Systematically clarify ideas using drawing informed by established painting practice
- Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice

SPECIAL REQUIREMENTS

- Course Contributions : \$75.

ASSESSMENT CRITERIA

- University Entrance pathway
- 2 Internal Achievement Standards 8 credits
- 1 External Achievement Standards 14 credits

- For the external assessment, students will present a three-panel folio of related works in response to a self-selected theme, showing generation, development and regeneration of ideas within painting.

- Alternative pathway (students not requiring University Entrance)
- 2 or 3 Internal Achievement Standards (8 – 12 credits at Level 2 or 3)

PRE REQUISITES

- Students working towards University Entrance must have achieved 14 credits in Year 12 Painting. For the alternative pathway an interest in the Visual Arts is all that is needed.

WHERE DOES IT LEAD?

- Beyond secondary school, the study of Visual Arts leads to a broad range of courses and career opportunities in the creative industries, which are becoming progressively more important to economic well-being. The industries of the twenty-first century will depend increasingly, on the generation of ideas and knowledge through creativity and innovation.
- Career pathways in the Visual Arts may include Advertising, Architecture, Artist, Design (Interior, Fashion, Product, Transport and Communication), Signwriting, Software and Gaming Development, Performing Arts, Costume Design, Event Management, Public and Community Arts, Gallery or Museum Curator, Media (Television, Film, Video and Photography) Online Publishing and Development.

FURTHER INFORMATION FROM

Mr Forstner or Mrs Wise

ART – PHOTOGRAPHY (ARP) - Level 3

SUBJECT STATEMENT

The Level 3 Photography course covers a broad range of photographic practice. It is a practical course in which students work with digital cameras and industry standard software such as Adobe Lightroom and Photoshop to produce their work. The course also includes aspects of history, theory, and investigation of established photographic practice. Level 3 Photography students undertake a range of self-developed photographic briefs, which provide integrated investigation into related themes and issues including cultural, media and historical contexts.

COURSE CONTENT

Students will develop skills in the following areas:

- Camera use
- Digital imagery – still and moving image
- Digital manipulation and editing
- They will also investigate photographic ideas and drawing methods and use these to produce their own photographic work.

SPECIAL REQUIREMENTS

- Students need to have some form of digital camera to complete this course
- Course Contributions : \$225.
- Students will have access to Adobe software at school; however, access to a computer outside of school hours is always beneficial. A copy of Adobe Creative Cloud will be available for students studying this course who have access to a suitable laptop they can use at school.

ASSESSMENT CRITERIA

This subject is University Entrance approved

- 2 Internal Achievement Standards 8 credits
- 1 External Achievement Standard 14 credits

For the external assessment, students present a three-panel folio, or short moving image, of related works in response to a self-selected theme, showing generation, development and regeneration of ideas.

PRE REQUISITES

- Students must have achieved 14 credits in Level 2 Photography.

WHERE DOES IT LEAD?

- Beyond secondary school, the study of Photography leads to a broad range of courses and career opportunities in the creative industries, which are becoming progressively more important to economic well-being. Career pathways may include Advertising, Architecture, Artist, Designer (Interior, Fashion, Product, Transport and Communication), Animation and Game Development, Media (Television, Film, Video, Photography and Online Publishing)

FURTHER INFORMATION FROM

Mrs Wise

AUTOMOTIVE STUDIES (AUT) – Level 3

SUBJECT STATEMENT

Automotive Studies Level 3 is at an advanced level working towards National Certificate in Automotive Trades. It covers some more advanced principles around automotive components as well as a range of practical skills. The course content can be negotiated.

COURSE CONTENT

This course:

- Develops on the basic level two principals and specialises but can also allow for more breadth of level 2 content.
- Allows students to develop skills in Arc welding and welding theory
- In depth study of the operation of Gearboxes and Differentials.
- Maintenance and safety of road and boat trailers
- In depth study of exhaust systems and carburettors
- Can allow for project work.

SPECIAL REQUIREMENTS

- Level 3 is a step up on the level 2 units and a reasonable standard of literacy is required as well as independent work habits.
- Students must wear covered shoes, not jandals, and work in line with department Health and Safety rules at all times.

ASSESSMENT CRITERIA

- 5 Unit Standards Total 20 L3 credits

Set and moderated by Northtec

PRE REQUISITES

- There are no pre requisites.

WHERE DOES IT LEAD?

- The National Certificate in Automotive trades.
- NorthTec.
- National certificates allowing employment in the following areas:
Collision repair, electrical engineering, auto engineering, heavy engineering, auto refinishing, coach building, industrial textile fabrication, motor trimming, motorcycle engineering.

FURTHER INFORMATION FROM

Mr McCabe

BIOLOGY (BIO) – Level 3

SUBJECT STATEMENT

Year 13 Biology is the study of many aspects of the Living World, from DNA to Evolution and is an exciting and demanding subject. The topics covered not only prepare the student for tertiary study, but also provide them with important life skills to allow them to make informed decisions.

COURSE CONTENT

- Animal behaviour and plant responses
- Homeostasis
- Contemporary biological techniques – Manipulation of Genetic Information including:
 - Selective Breeding and Transgenesis
- A socio-scientific issue with an NZ or South Pacific theme
- A practical biological investigation into a biological response
- Human Evolution
- Patterns of Evolution

SPECIAL REQUIREMENTS

- Course Contributions : \$30

ASSESSMENT CRITERIA

- 4 Internal Achievement Standards 13 credits
- 3 External Achievement Standards 13 credits

PRE REQUISITES

- Biology is a demanding academic subject. It is not an easy science. Students must have Literacy Credits at Level 2 and must have passed Biology at Level 1. Students may apply to study Year 13 without studying Biology at Level 2, however they must have the recommendation of their teachers and be achieving at a high level. Students currently studying Level 2 must pass at least one internal and two externals. Biology students are recommended to do another Science, preferably Chemistry, if they intend studying Biology at a tertiary institution.

WHERE DOES IT LEAD?

- Biology is currently undergoing exciting and rapid changes – from developments in modern techniques such as gene editing, genetic engineering and forensics, to advances in the manipulation of DNA and new discoveries in human evolution. Many of today's issues such as CRISPR are hot topics for the future. New fields such as nutrigenomics, epigenetics and the development of GMOs that assist the NZ economy will affect all of us. The importance and dynamics of Biology is being recognised by many tertiary institutes. It is a pre-requisite subject for courses such as: nursing, physiotherapy, pharmacy, medicine, health sciences, sports science, agriculture, horticulture and forestry.
- Study of Biology can also lead onto careers such as forestry, agricultural management, medicine, dentistry, food technology, reproductive technology, forensics and the rapidly growing biosecurity and environmental management, as well as many others.

FURTHER INFORMATION FROM

Mrs Harrisson

BUSINESS MANAGEMENT (MAN)

Level 3

SUBJECT STATEMENT

The study of business is about how individuals and groups of people organise, plan, and act to create and develop goods and services to satisfy customers.

COURSE CONTENT

The process of learning will involve students in a wide range of activities that will help to;

- evaluate and recognise strategic improvements to a business plan
- analyse the human resource cycle from a strategic perspective
- explain the role of cultural intelligence in global markets.
- use financial tools for forecasting
- evaluate the likely impact, on local and global business and society, of operating in a sustainable manner
- evaluate the impact of changes in the global marketplace on local businesses
- evaluate the role of New Zealand multinational business in the global economy and analyse its impact on the host country
- explain the risks and opportunities involved in expanding globally
- explain the role of innovation in business success.

Young Enterprise (YES) is a high profile experiential business programme developed by Enterprise New Zealand Trust and run in secondary schools.

ASSESSMENT CRITERIA

A probable course breakdown for assessment purposes is as follows. This may change slightly according to the needs of the student intake and students will be advised at the beginning of the year.

- 2 External Achievement Standards 8 credits
- 2 Internal Achievement Standards 12 credits

The Young Enterprise Exam. Success enables credits to be awarded through “credit inclusion”. These are only applied for if required and do not show on the Record of Achievement.

SPECIAL REQUIREMENTS

- Course Contributions : \$60.
- Some start-up capital may also be required.

PRE REQUISITES

- Level 2 Business Management preferred
- A minimum of Level 2 NCEA including U.E. literacy
- Students who can display the necessary academic ability and attitude may be granted entry with clearance from the Head of Department.

WHERE DOES IT LEAD?

- The teaching in this course is focused primarily on preparing students for the study of Business and Management at University.

FURTHER INFORMATION FROM

Mrs Prendergast

CALCULUS (MAC) – Level 3

SUBJECT STATEMENT

Mathematics is the exploration and use of patterns and relationships in quantities, space and time. Through being engaged in knowing, doing, and thinking mathematically, students develop effective means for investigating, interpreting, explaining, and making sense of the world in which they live.

COURSE CONTENT

This course continues to broaden and extend students' mathematical experiences, and provides a foundation to support tertiary study in many other subjects. Much of the content is unfamiliar at Level 3. The most successful students are those who have very strong Level 2 results and are prepared to work hard at mastering new concepts.

- Differentiation
- Integration
- Algebra
- Geometry
- Trigonometry

SPECIAL REQUIREMENTS

- Graphics Calculator
- Write-on workbooks for each standard – about \$6 per standard

ASSESSMENT CRITERIA

- | | |
|------------------------------------|------------|
| • 3 External Achievement Standards | 17 credits |
| • 4 Internal Achievement Standard | 13 credits |

PRE REQUISITES

- Level 2 Mathematics - at least “Achieved” grades in the Achievement Standards (or their equivalent), that are relevant to the course (91256, 91257, 91259, 91261, 91262, 91269).
- Under special circumstances, entry is negotiable with the Head of Department.

WHERE DOES IT LEAD?

- Students who complete this course have mathematical skills and techniques they could apply to solving problems in a wide range of practical contexts.
- Students could consider further study in such areas as:
 - Mathematics and Computing
 - Engineering and Architecture
 - Business and Economics
 - Careers in the Sciences

FURTHER INFORMATION FROM

Mrs Gardner

CHEMISTRY (CHE) – Level 3

SUBJECT STATEMENT

Chemistry is the study of materials, their properties and how they interact with each other in fields such as organic chemistry, physical chemistry, inorganic chemistry and analysis.

COURSE CONTENT

This course assesses elements of the following:

- Redox
- Structure and Bonding
- Aqueous
- Organic
- Physical

SPECIAL REQUIREMENTS

- Lab coat and covered shoes required

ASSESSMENT CRITERIA

• 3 <u>External</u> Achievement Standards	Total No. credits	15
• 3 <u>Internal</u> Achievement Standards	Total No. credits	10
• 2 <u>Internal</u> Unit Standards	Total No. credits	7

PRE REQUISITES

- Level 2 Chemistry - at least Achieved in 4 of the 6 Achievement Standards.

WHERE DOES IT LEAD?

- Engineering,
- Medical Sciences
- Food Technology
- Nursing
- Veterinary Science
- All life Science courses
- Technician
- Forensics

FURTHER INFORMATION FROM

Mrs Robertson or Mrs De Klerk

DESIGN & VISUAL COMMUNICATION

(DVC) - Level 3

SUBJECT STATEMENT

Design and Visual Communication (DVC) is the study of product and spatial design. This encompasses anything that may be designed and created for a purpose. We use drawing techniques, rendering, computer design and model making in order to complete the design process.

COURSE CONTENT

- In Year 13, students choose their own topic of study and most focus on one theme throughout the year depending on their interest. Individuals may choose to complete a course that is based on either Fashion design, Product design, Presentation techniques, Technical drawing and Architecture.
- Briefs may be taken from the following areas: Architecture, Landscape, Product Design, Engineering, Media Design and Fashion. A high degree of presentation, technical and freehand drawing is expected.

There will be a focus on the following skills:

- Promotion of a final design concept.
- Computer-aided design.
- Freehand isometric, oblique and perspective drawing, exploded drawing and sections.
- Design process and presentation of a design brief.
- Language of design.

SPECIAL REQUIREMENTS

- Students will need to purchase the Senior Graphics pack or similar materials.
- Course Contributions : \$30

ASSESSMENT CRITERIA

- Work will be assessed on a regular basis throughout the year, with summative marks given. Final submissions of Achievement Standards, both Internal and External is at the beginning of Term Four. Students will select between 14 and 18 credits in this subject for the academic year.
- 2 External Achievement Standards 9 credits
- 3 Internal Achievement Standards 15 credits

PRE REQUISITES

- 14 credits at Level 2 or at the discretion of Mr Jarman.

WHERE DOES IT LEAD?

- Aids for possible career avenues in:

Engineering	Advertising	Product Design	Illustration
Surveying	Fashion Design	Sign Writing	Drafting
Graphic Design	Landscaping	Architecture	Building
- Leads to further tertiary study.

FURTHER INFORMATION FROM

Mr Jarman or Miss Crawford

DIGITAL TECHNOLOGY (DTC) – Level 3

SUBJECT STATEMENT

Computers are an integral part of our everyday life. Therefore, confidence with PC technology including keyboarding, design, use of media and combining programmes is essential.

COURSE CONTENT

Advanced Course – Achievement Standards (toward University Entrance)

Internal

- Develop a conceptual design considering fitness for purpose in the broadest sense (toward creation of your educational video prototype)
- Develop a prototype considering fitness for purpose in the broadest sense (create an educational/promotional video)
- Implement complex procedures to produce a specified digital media outcome (create a virtual tour using a web application)
- Develop a complex computer program for a specified task – Students MUST have completed Level 2 computer program standard, (*compulsory for Auckland University Entry for Bachelor of Science*)

External – (One of – student choice)

- Undertake a critique of a technological outcome's design
- Demonstrate understanding of areas of computer science (focus on Software Engineering and Complexity and Tactability) – (*compulsory for Auckland University Entry for Bachelor of Science*)

Essentials Course – Unit Standards (Non-University Entrance)

- Produce business or organisational information using word processing functions
- Integrate text and images and manage multiple files for generic TIM
- Produce documents for a workplace using a computer – including sending and receiving emails
- Customise software features and create document templates for generic TIM

SPECIAL REQUIREMENTS

- Students must demonstrate self-motivation and have good organisational skills. They will need an ability to be self-directed and work with minimal supervision. With this in mind students can choose between the two course options; university entrance or not.

ASSESSMENT CRITERIA

University Entrance	Non University Entrance
3 Internal Achievement Standards	4 Computing Unit Standards
Total: 14 credits	Total: 20 Credits (possible)

PRE REQUISITES

- The University Entrance course is designed for students who have successfully completed a course in Digital Technologies Level 2. Students MUST have completed the computer program assessment at Level 2 before attempting the Level 3 computer program assessment. The Non University Entrance course is suitable for experienced DTC students and new comers to the subject.

WHERE DOES IT LEAD?

- Completion of this course can lead to further study in computer applications. It can enhance any further tertiary education and gives the student a most useful personal skill. Tertiary institutions prefer set assignments to be computer generated. Business/individuals must sell themselves. In order to do this well, high quality presentation of written data is most important and students could continue to Level 4 toward attaining the National Certificate in Computing at that level and higher.

FURTHER INFORMATION FROM

Mrs Clemmet

DRAMA (DRM) – Level 3

SUBJECT STATEMENT

Drama is not just about acting. This course covers transferable skills that will be useful throughout life; communication, presentation/public speaking, collaborative and leadership skills, problem solving, time management, initiative and the ability to work to a deadline. We aim to build confidence while having fun. We have authentic learning – with REAL audiences.

COURSE CONTENT

This course:

- Gives students the opportunity to perform a role in a major class production to a public audience.
- Guides students through devising and scripting their own theatre pieces for public performance.
- Allows students to study in depth major play texts, focussing on different theatre forms and genres.
- Refines student's skills in the drama techniques of voice, body, movement and use of space
- Gives students the opportunity to sit the Scholarship Drama exam.

SPECIAL REQUIREMENTS

- Course Contributions : \$10
- Optional Theatre Trip : \$80
- After school, weekend or holiday rehearsals may be required for public performances

ASSESSMENT CRITERIA

- 2 External Achievement Standards 8 credits
- 3 Internal Achievement Standards 16 credits

PRE REQUISITES

- Two Level 2 Internal Achievement Standards in Drama. Under special circumstances, entry is negotiable with the Head of Department.

WHERE DOES IT LEAD?

- Journalism / Broadcasting
- Law / Politics
- Event Management
- Actor / Actress
- Public Relations
- Teaching / Lecturing / Early Childhood
- Lighting, sound, set design
- Tourism / Customer Liaison / Hospitality
- Assists in careers involving public speaking or presentation
- Any career that requires collaboration, problem solving, or creativity

FURTHER INFORMATION FROM

Ms Bowers

ECONOMICS (ECO) – Level 3

SUBJECT STATEMENT

Economics examines how people make choices about the use of limited resources to satisfy unlimited wants. It helps explain and predict how goods and services will be produced and consumed.

Economics explores issues of sustainability (efficient use of scarce resources), enterprise (identifying profit-maximising levels of output), citizenship (economic decisions affecting New Zealand society), and globalisation (the benefits of international trade).

COURSE CONTENT

This course applies economic theory and models to understanding both micro-economic and macro-economic issues: It:

- Considers the function and role of markets in achieving economic efficiency
- Examines and analyses issues of market failure from differing points of view
- Studies the economic interrelationships within a modern mixed economy
- Develops the skills of economic research, analysis and communication
- Provides an understanding of the processes and effects of a range of government policies

SPECIAL REQUIREMENTS

- Course Contributions : \$30

ASSESSMENT CRITERIA

A probable course breakdown for assessment purposes is as follows. This may change slightly according to the needs of the student intake and students will be advised at the beginning of the year.

- 2 External Achievement Standards 10 credits
- 2 Internal Achievement Standards 10 credits

PRE REQUISITES

- At least 12 credits in Level 2 Economics. Other students who can display the necessary academic ability and attitude may be granted entry with clearance from the Head of Department.

WHERE DOES IT LEAD?

A basic study of Economics:

- Provides useful analytical skills and general knowledge of contemporary social and economic issues.
- Leads to further secondary and tertiary study in commerce, management, enterprise, law, journalism and finance

FURTHER INFORMATION FROM

Mrs Prendergast

ENGLISH LITERATURE (ENG) – Level 3

SUBJECT STATEMENT

As an English student, you'll study literature, language, culture, history, and develop your creative as well as formal writing skills. You'll have the flexibility to learn about what *you* enjoy most. At the same time, you'll develop valuable skills for any number of career choices.

COURSE CONTENT

This course builds on the appreciative and analytical skills learnt by students at Level 2 but also looks at texts as a product of their social and historical context. At Level Three students have much more independence in their studies, enabling them to follow areas of personal interest whilst preparing them for a tertiary study environment. This course:

- offers students a choice of writing tasks, both creative and formal
- enables students to complete a Research Project and Oral Presentation on a literary topic of their choice such as “forms of control in sci-fi texts” or “racism in colonial literature”
- involves the study of one extended text in relation to the social and historical context in which it was written
- allows for the study of a classic literary text
- encourages students to develop their ability to analyse unfamiliar texts

SPECIAL REQUIREMENTS

- None

ASSESSMENT CRITERIA

- 2 External Achievement Standards 8 credits
- 4 Internal Achievement Standards 17 credits

PRE REQUISITES

- Students are expected to have achieved the following as a basic requirement; at least twelve credits in English Level 2 Full Course, including at least one essay and Unfamiliar Texts. Under special circumstances, such as illness, entry is negotiable with the Head of Department. Students may not take English Literature (ENG) and English Media Theory (EMT) at Level 3.

WHERE DOES IT LEAD?

- English is a versatile subject that can be relevant to almost any career. Most professions require entrants to have good verbal and written communication skills.
- Many of our students go on to obtain an English degree with a view to going into communications, public relations, event management, journalism, or, with extra training of course, a more specialised degree like law, medicine or teaching.

FURTHER INFORMATION FROM

Mrs Traas

ENGLISH MEDIA THEORY (EMT)

Level 3

SUBJECT STATEMENT

As an English Media Theory student, you'll study language, culture, media theory, textual analysis and develop your writing skills. You'll have the flexibility to learn about what *you* enjoy most by choosing your own research focus so you can investigate an area of media that interests you. At the same time, you'll develop valuable skills for any number of career choices.

COURSE CONTENT

This course builds on the appreciative and analytical skills learnt by students at Level 2 but with a focus on film and media. The standards are predominantly the same as those used for the English Literature course which means students can still satisfy university requirements for English but in this course there is an emphasis on media rather than literary texts. The writing based aspect of the course concentrates on writing for publication and broadcasting. This course:

- offers students a choice of writing tasks
- enables students to complete a Research Project and an optional Oral Presentation on a media topic of their choice such as "representation of ethnic minorities in print media" or "superhero v anti-hero in contemporary film and animation"
- provides the opportunity for close study of a film text as literature
- allows for the study of a media text from as genre or critical theory
- encourages students to develop their ability to analyse unfamiliar texts

SPECIAL REQUIREMENTS

- None

ASSESSMENT CRITERIA

- | | |
|---|------------|
| • 2 <u>External</u> Achievement Standards | 8 credits |
| • 4 <u>Internal</u> English Achievement Standards | 16 credits |

PRE REQUISITES

- Students are expected to have achieved the following as a basic requirement; at least twelve credits in English Level 2 Full Course, including the extended writing submission, visual texts essay and Unfamiliar Texts. Under special circumstances, such as illness, entry is negotiable with the Head of Department. Students may not take English Media Theory (EMT) and English Literature (ENG) at Level 3.

WHERE DOES IT LEAD?

- English and Media are versatile subjects that can be relevant to almost any career. Most professions require entrants to have good verbal and written communication skills.
- Many of our students go on to obtain an English or Media degree with a view to going into communications, public relations, event management, journalism, or, with extra training of course, a more specialised degree.

FURTHER INFORMATION FROM

Mrs Traas

GEOGRAPHY (GEO) – Level 3

SUBJECT STATEMENT

Geography is the study of the earth and its features – both natural and cultural and the interactions between them. It gives students a holistic understanding of the world and includes skills and knowledge from both science and social science fields. Geography enables us to look at the world from a wide variety of different perspectives and teaches skills for developing a socially and environmentally sustainable future. Level 3 Geography offers students more choice in course content and areas of study.

COURSE CONTENT

This course can include the following areas of study:

- Analysis of coastal processes and their outcomes e.g. Tapuaetahi Coastal Environment
- Analysis of tourism development e.g. Bali/Rotorua
- Developing and applying Geographic skills e.g. map work, visuals, spatial data, using data
- Analysis of a significant contemporary event e.g. Rhythm and Vines Festival
- Analysing global geographic topics e.g. Water Scarcity
- Analysing contemporary geographic issues e.g. Deep Sea Drilling, Marine Reserves
- Conduct geographic research with consultation e.g Coastal Processes, Sustainability of Tourism

SPECIAL REQUIREMENTS

- Course Contributions : \$50
- Optional Rotorua fieldtrip – approximately \$400

ASSESSMENT CRITERIA

- 2 External Achievement Standards 8 credits
- 3 Internal Achievement Standards 11 credits

PRE REQUISITES

- Students need to have completed Level 1 or 2 Geography and have achieved at least 10 credits at either level including some external credits.
- Geography is a high writing subject and therefore entry will be at the discretion of the HOD. Students need to have achieved at least 10 credits in a high writing subject at Level 2, for example in History, Economics, or English.

WHERE DOES IT LEAD?

- | | |
|----------------------------|--------------------------------|
| • Environmental Management | • Tourism |
| • Planning | • Geology |
| • Law | • Civil Defence |
| • Civil Engineering | • Surveying |
| • Journalism | • Urban Planning |
| • Teaching | • Event Management |
| • Outdoor recreation | • Demography and policy making |

FURTHER INFORMATION FROM

Miss Boisen

HISTORY (HIS) – Level 3

SUBJECT STATEMENT

History is the study of Mankind and Society. An understanding of the past allows students to see current issues in a wider context. It gives students a broad variety of transferable skills and knowledge, such as prioritising information, making judgements based on best evidence, and an appreciation of the way our ancestors have created the world we inhabit today. History enables us to look at the world from a wide variety of different perspectives and teaches students to be aware of cultural and historical differences between peoples.

COURSE CONTENT

This course covers:

- The Russian Revolutions 1905-1924
- The Korean War, The Cuban Missile Crisis
- The Northern Wars

SPECIAL REQUIREMENTS

- Course Contributions : Fieldtrip in Term 3

ASSESSMENT CRITERIA

- | | | |
|-----|---------------------------------------|------------|
| • 2 | <u>External</u> Achievement Standards | 10 credits |
| • 3 | <u>Internal</u> Achievement Standards | 15 credits |

PRE REQUISITES

- Students will have achieved 16 Credits in Level 2 History or English and at least 4 credits from an External at Level One History or English, or by negotiation with the Head of the Department.

WHERE DOES IT LEAD?

- History teaches you to research information from studying cartoons, newspapers, documents, films, maps etc; to make sense of it, draw conclusions and report in readable, concise prose.
- Vocational opportunities for historians continue to grow as the skills taught apply in many jobs which deal with information and people.
- Historians can expect to find employment in many fields, including law, business, teaching, industry, trade, tourism and commerce; in Government Departments – foreign affairs, trade, treasury, justice, banking, law; in publishing, journalism, radio and television - wherever critical judgement and good expression are valued.

FURTHER INFORMATION FROM

Mrs Jarman

HOSPITALITY – ESSENTIAL SKILLS

Level 3

SUBJECT STATEMENT

Hospitality at Level 2/3 provides students with skills in the safe preparation and cooking of foods, as well as knowledge and skills required in the preparation and service of espresso coffee to an industry-acceptable standard.

COURSE CONTENT

This course includes specific studies in

- Basic food safety methods
- Culinary products and terms
- Espresso heritage, production and preparation skills
- Team catering

SPECIAL REQUIREMENTS

- Course Contributions : \$120
- In order to gain the Barista credits, students will be required to complete at least 10 hours of unpaid work placement – this will take place outside of normal school hours
- Some practical assessments will be outside of normal school hours, as time constraints do not allow some assessments to be completed within 55 minute periods

ASSESSMENT CRITERIA

Standards will be selected from the following:

- | | |
|--|------------|
| • 2 Unit Standard at Level 2 – internal | 8 credits |
| • 3 Unit Standards at Level 3 – internal | 16 credits |

PRE REQUISITES

- None

WHERE DOES IT LEAD?

- Possible staircasing into tertiary-level study (Chef training, Hospitality Operations & Management, Kitchen and/or Restaurant Service Apprenticeships)
- Provides students with valuable practical skills that can be used to gain employment during tertiary study, gap years, travel etc

FURTHER INFORMATION FROM

Mr Hart

HOSPITALITY – ADVANCED (HOS)

Level 3

SUBJECT STATEMENT

Hospitality at Level 3 provides students with the skills in the safe preparation and cooking of foods, the opportunity to prepare, plan and serve creative food for special occasions and skills in the preparation and service of espresso coffees to an industry-acceptable standard.

COURSE CONTENT

This course includes specific studies in

- Advanced cooking skills and techniques
- Espresso heritage, production and preparation and service skills
- Kitchen production and service

SPECIAL REQUIREMENTS

- Course Contributions : \$120
- In order to gain the Barista credits, students will be required to complete at least 10 hours of unpaid work placement – this will take place outside of normal school hours
- Some practical assessments will be outside of normal school hours, as time constraints do not allow some assessments to be completed within 55 minute periods

ASSESSMENT CRITERIA

Standards will be selected from the following:

- 5 Unit Standards at Level 3 – internal 22 credits

PRE REQUISITES

- Students must have achieved all 19 credits in Year 12 Hospitality, in order to be eligible for this course.
- Students who do not meet this pre-requisite are encouraged to opt for the 'Hospitality – Essential Skills' course at Year 13 (which includes 16 NCEA Level 3 standards)

WHERE DOES IT LEAD?

- Provides valuable theoretical and practical knowledge that can lead to tertiary study and careers including Chef training, Hotel Management, Apprenticeships, Event Management
- Provides students with valuable practical skills that can be used to gain employment during tertiary study, gap years, travel etc

FURTHER INFORMATION FROM

Mr Hart

HUMAN DEVELOPMENT (HUM) – Level 3

SUBJECT STATEMENT

This course provides opportunities to gain knowledge and experience in:

- Human development from conception to adulthood.
- The importance of adults, families, communities and New Zealand society in the welfare of all members of the family.

COURSE CONTENT

This course includes specific studies in:

- Advanced child development.
- Nutrition, food needs and issues around food.
- Current health issues affecting New Zealanders.
- The influences of society and the media on the well-being of individuals and families.

Note: Some practical food preparation will be included.

SPECIAL REQUIREMENTS

- Course Contributions : \$40

ASSESSMENT CRITERIA

- Assessment for this course will include a selection of Achievement Standards from the Home Economics Matrix and Unit Standards from the Early Childhood Matrix under the auspices of the NZ Plunket Society:
- 1 External Achievement Standard 4 credits.
- 2 or 3 Internal Achievement Standards 5 credits each.
- 1 Unit Standard 5 credits.

Note: The Home Economics Achievement Standards offered in this course constitute an approved subject for University Entrance.

PRE REQUISITES

- There are no prerequisites for this subject but former study of Human Development will be an advantage.

WHERE DOES IT LEAD?

- Towards the National Certificate in Early Childhood Education and “Care” careers.
- Careers involving working with people e.g. Teaching, Nursing, Police, Psychology.

FURTHER INFORMATION FROM:

Mrs Nagel, Mr Hart

MĀORI STUDIES (MAO) – Level 3

Te Reo Māori

SUBJECT STATEMENT

Te Reo Māori, the indigenous language of Aotearoa, is a taonga and is guaranteed protection under the Treaty of Waitangi. As students learn in Te Reo Māori, they also deepen their knowledge and understanding of tikanga Māori and develop their own personal, group and national identities.

COURSE CONTENT

- Whakarongo i te reo o te ao whānui (listening)
- Kōrero i te reo o te ao whānui (speaking)
- Pānui kia whai maramatanga i te reo o te ao whānui (reading)
- Whakaoti tuhinga ōkawa i te reo o te ao whānui (writing)
- Pānui kia wetewete i te reo o te ao whānui
- Hanga tuhinga auaha i te reo o te ao whānui

SPECIAL REQUIREMENTS

- None

ASSESSMENT CRITERIA

- 2 External Achievement Standards 12 credits
- 3 Internal Achievement Standards 16 credits

PRE REQUISITES

- 12 credits in Māori Studies Level 2 or in consultation with the Head of Department (6 credits from an external achievement standard)

WHERE DOES IT LEAD?

- Tertiary programmes in Te Reo Māori
- University Māori Language papers
- Cultural Advisor (Government Department)
- Race Relations
- Languages
- Teaching
- Performing Arts, Radio broadcaster/Television presenter
- Kohanga Reo, Kura Kaupapa, Teachers, Kai Awhina
- Radio/Television Journalist
- Police officer
- Moko artist
- Personal, social, cultural development
- Advantages in a wide range of vocational areas

FURTHER INFORMATION FROM

Whaea Maruia

MUSIC (MUS) – Level 3

SUBJECT STATEMENT

In Music, emotion, intellect, and imagination are articulated through sound. Music allows us to express feelings and ideas about ourselves and our place in the world, using symbolic notation, live performances, compositions and analysis of existing pieces.

COURSE CONTENT

- Prepare and present programmes of music as a **featured Soloist** on up to two instruments
- Present a performance of a programme of music as a **member of a group**.
- Present a portfolio of original **composition or songwriting**
- Create two **arrangements**
- Integrate aural skills into written representation
- Demonstrate an understanding of **harmonic and tonal** conventions in a range of music
- Research a Music topic
- Analyse and examine the influence of context on a substantial music work

SPECIAL REQUIREMENTS

- Receive instrumental or vocal tuition either privately or in school
- Own or hire an instrument
- Music tuition fee \$25 per term if learning through school.
- A willingness to participate in music groups and public performance both in school and outside
- Attend concerts by visiting musicians either in or outside school
- Drums and Guitar tuition is only available to Year 7s and 8s, and students taking Music as an option from Year 9-13. Piano tuition is available only for option music students.
- Course Contributions : \$30.
- Performance assessments may occur during evening concerts

ASSESSMENT CRITERIA

- 3 External Achievement Standards 12 credits
- 7 Internal Achievement Standards 38 credits
- There is an expectation for individualised programmes of study.

PRE REQUISITES

- Must have achieved at least 12 credits at Level 1 and 12 credits at Level 2 **OR** Grade 5 practical ability on an instrument and theory knowledge and understanding (must be able to read and write music)

WHERE DOES IT LEAD?

Tertiary Qualifications

- NZQA National Certificate in Music
- Polytechnic Diploma and Degree Courses in Rock or Jazz Music at Christchurch, Hamilton and Wellington
- University Degree in Music at Auckland, Christchurch, Wellington and Waikato.
Music Careers for example
- Performer, conductor, accompanist,
- Technical aspect of music – composer, recording, sound technician
- Teaching – at various levels, music therapist

FURTHER INFORMATION FROM

Mrs McGlinchey

PERFORMING ARTS TECHNOLOGY

(PAT) Level 3

SUBJECT STATEMENT

We were the first school in the country to offer a Performing Arts Technology full course. Performing Arts Technology focuses on the design aspect of theatre: students work in a range of technology mediums in a variety of collaborative ways towards a common goal. In most cases, students are all working on different projects within the same class and in real world situations – they are designing and creating for actual productions. All practical assessments require a theoretical element and are supported by written work, which justifies the students' design or construction work.

COURSE CONTENT

This course:

- Is 100% project-based learning. Students must be able to work as part of a team towards a common goal.
- Gives students the experience of leading areas of stage design; publicity; make up design and application; costume design and creation; production management; stage management; front of house management; lighting design and operation; set design and set construction; sound for a major production.
- Allows students to design and apply stage makeup for an entire production.
- Gives students the chance to experiment with different theatre lighting effects, including taking responsibility for designing, rigging and operating lighting for a public performance.
- Teaches students about costuming; culminating in a designing costume for a whole production.
- Allows students to get involved in production roles of their choice for two school-based productions. Students will have control of one production area and follow this through from design to performance. This means they will need to be able to effectively self-manage and attend rehearsals and performances outside of school hours.

SPECIAL REQUIREMENTS

- Course Contributions : \$50.
- Will involve out of class time for weekend / holiday rehearsals and evening performances for two productions.

ASSESSMENT CRITERIA

- You have the choice of 7 Internal Achievement Standards
- Each standard is worth 6 credits
- You will undertake 3 or 4 of the standards during the course of the year (18 or 24 total credits)

PRE REQUISITES

- Achieved or higher in FOUR of the Level 2 Performing Arts Technology standards.

WHERE DOES IT LEAD?

- Production work in film / television / theatre
- Makeup and hairdressing
- Teaching
- Event Management
- Production management
- Theatre management
- Lighting, sound, set design
- Any career which requires collaboration, problem solving or creativity.

FURTHER INFORMATION FROM

Mrs Crooks

PHYSICAL EDUCATION (PED) – Level 3

SUBJECT STATEMENT

Physical Education is experiencing participation in games and sport that require students to play as an individual and as a team member. It combines the application of skill technique and strategy to ensure activity is worthwhile and meaningful. Physical Education allows individuals to broaden their existing knowledge and is important to a healthy lifestyle.

COURSE CONTENT

- Evaluate a fitness programme
- Performance of Physical Skills to a National Standard
- Evaluate your sporting and Physical Activity background
- Critique leadership styles

This is an alternative to the Level 3 Physical Education – Advanced course. You cannot do this option AND the Level 3 Physical Education Advanced course.

SPECIAL REQUIREMENTS

- A suitable change of clothing is required for every session.
- Year 13 students will NOT be allowed to participate in their school attire.
- \$490 is the charge by an outside Assessor to complete the SCUBA course.

ASSESSMENT CRITERIA

- 4 Internal Achievement Standards 16 credits

PRE REQUISITES

- There are no pre requisites to enter Level 3 although a willingness to co-operate with others and to step out of your comfort zone in regard to new activities is recommended. Students who have struggled with the written requirements of Physical Education – Advanced Level 2 may find this course a better option.

WHERE DOES IT LEAD?

- Provides useful, practical experiences that contribute to an enjoyable lifestyle
- Is a good base for tertiary study in Sport, Recreation, Leisure and Physical Education
- Is good practical experience for careers requiring a fitness/physical component in them
- Is good practical experience for careers that have a physical/fitness pre-requisite

FURTHER INFORMATION FROM

Mr Cannon or Mrs Gordon

PHYSICAL EDUCATION – ADVANCED (PEA)

Level 3

SUBJECT STATEMENT

Physical Education is experiencing participation in games and sport that require students to play as an individual and as a team member. It combines the application of skill technique and strategy to ensure activity is worthwhile and meaningful. Physical Education allows individuals to broaden their existing knowledge and is important to a healthy lifestyle.

COURSE CONTENT

- Evaluate a fitness programme
- Analysing a Physical Skill
- Performance of Physical Skills to a National Standard
- Evaluate your sporting and Physical Activity background
- Critique leadership styles

You cannot do this option AND Level 3 Physical Education.

SPECIAL REQUIREMENTS

- Possible costs:
 - Dive medical \$ 45
 - SCUBA certification \$490

ASSESSMENT CRITERIA

- 5 Internal Achievement Standards 19 credits

PRE REQUISITES

- Must have achieved PE 2.2, 2.3 and 2.5 or in consultation with the Head of Department.
- An alternative to this course is Physical Education Level 3.

WHERE DOES IT LEAD?

University degrees and Polytechnic courses in:

- Sport and Fitness and Leisure Management, Tourism, Physical Education
- Physiotherapy, Leisure Studies, Teaching, Recreation and Sport
- Sports Studies, Adventure Tourism

FURTHER INFORMATION FROM

Mrs Galvin and Mr Connon

PHYSICS (PHY) – Level 3

SUBJECT STATEMENT

Physics is the science of matter and energy and of interactions between the two, grouped in fields such as mechanics, electricity, electromagnetism, waves, light and modern physics.

COURSE CONTENT

This course builds on the Physics of NCEA Level 2 and expands it with more breadth and depth. The five main areas taught are:

- Practical Investigation
- Light and Waves
- Mechanics (translational, rotational and simple harmonic motion)
- Modern Physics
- Electricity and Electromagnetism (DC and AC circuits, capacitance and electromagnetic induction)

SPECIAL REQUIREMENTS

- A graphical calculator is highly recommended.

ASSESSMENT CRITERIA

- 3 External Achievement Standards 16 credits
- 2 Internal Achievement Standard 7 credits

PRE REQUISITES

- Minimum of one Achieved level and one Merit level grade in the NCEA Physics Level 2 course in the Mechanics and the Electricity/Electromagnetism Achievement Standards either in the End of Year Exams or in the NCEA Externals.

AND

- Maths (Algebra) Level 2 at Achieved or better or acceptance into Level 3 full Maths course

OR

- Under exceptional circumstances, entry is negotiable with the Head of Department.

WHERE DOES IT LEAD?

- Many technical and scientific tertiary courses need some Physics in their early stages. Some courses such as Engineering will require good NCEA Level 3 passes to gain entry. Check with the Careers Advisor for your intended course. Physics also gives employers an indication of a logical mind able to cope with complex problems.

FURTHER INFORMATION FROM

Mr Lumkong

RURAL STUDIES (RUS) – Level 3

SUBJECT STATEMENT

Rural Studies is the combined content of Agriculture, Horticulture, Apiculture, Equine and Dairy Modules. Theory based material from Telford Rural Polytechnic and Taratahi Agricultural Training Centre alongside work experience through the Gateway work experience programme to ensure students can combine theory with practical. This course is not University Approved.

COURSE CONTENT

This course can be at Level 2 or Level 3 (or a combination) in modules of interest to the student

- Agriculture
- Horticulture
- Apiculture (Bee Keeping)
- Equine
- General Farming

SPECIAL REQUIREMENTS

- It is a requirement of this course that students undertake a Gateway placement from Term 1 for one day a week for three terms.
- Course Contributions : \$25.

ASSESSMENT CRITERIA

- Internal Unit Standards : 24 credits per student are available from a combination of modules

PRE REQUISITES

- Nil – however, as this is a module course, a good level of literacy is required and an ability to work independently.

WHERE DOES IT LEAD?

- Can continue at Telford Rural Polytechnic or Taratahi Agricultural Training Centre etc after they leave school.

FURTHER INFORMATION FROM

Mrs Crawford or Mrs Halliday

SENIOR SOCIAL STUDIES (SST)

Level 3

SUBJECT STATEMENT

Senior Social Studies is about how societies work and how people can participate in their communities as informed, critical, active, and responsible citizens.

Students examine the causes and effects of social issues that relate to identity, culture, and organisation, and learn to take actions that may bring about social improvement.

They investigate how individuals, communities, and societies respond to change and how ideas about society develop over time.

COURSE CONTENT

This course is open to a wide range of current contemporary content. The key themes are Social Action and Ideologies and students will be exploring issues that enable them to:

- Understand how policy changes are influenced by and impact on the rights, roles, and responsibilities of individuals and communities
- Understand how ideologies shape society and that individuals and groups respond differently to these beliefs

SPECIAL REQUIREMENTS

- Optional – own device for note keeping, research and ongoing inquiry
- Course Contributions : \$18
- Two internal assessments are project and inquiry based and will rely heavily on independence and time management

ASSESSMENT CRITERIA

- | | |
|------------------------------------|------------|
| • 3 Internal Achievement Standards | 16 credits |
| • 2 External Achievement Standards | 8 credits |

PRE REQUISITES

- Students who have completed Level 2 Social Studies must have achieved at least 8 credits with 4 credits from externals;
- Students who have not completed Level 2 Social Studies need to have achieved at least 8 credits in a high reading and writing subject (History, Geography or English) at Level 2 with at least 3 credits from externals.
- Entry will be at the discretion of the HOD if students do not meet the pre requisites.

WHERE DOES IT LEAD?

- | | |
|--------------|---------------|
| • Law | Sociology |
| • Journalism | Civil Defence |
| • Teaching | Navy |
| • Tourism | Army |

FURTHER INFORMATION FROM

Mrs Rakena

SPANISH (SPA) – Level 3

SUBJECT STATEMENT

This course concentrates on the receptive skills of listening to, viewing and reading as well as the productive skills of writing, speaking and performing Spanish.

COURSE CONTENT

- Knowledge of Spanish language covered in Level 2 will progress to areas where the context is less familiar to the students, eg Technology, Immigration, Latin American history and culture. This course will allow students to reflect on and make many comparisons between Spanish speaking cultures and their own. Scholastic materials along with vibrant video study topics including continuing with El Internado will provide students with material at a relevant level that are current and interesting.

SPECIAL REQUIREMENTS

- Course Contributions : \$21

ASSESSMENT CRITERIA

- | | |
|---|------------|
| • 3 <u>Internal</u> Achievement Standards | 14 credits |
| • 2 <u>External</u> Achievement Standards | 10 credits |

PRE REQUISITES

- Minimum 14 credits at Level 2 Spanish or equivalent

WHERE DOES IT LEAD?

- Leads on to Spanish at tertiary level
- Pre/co-requisite for other tertiary qualifications
- Travel industry
- Business/International Affairs/External Affairs/Trade industry
- Interpreting/translating
- The learning of other languages

FURTHER INFORMATION FROM

Miss Williams

STATISTICS (MAS) – Level 3

SUBJECT STATEMENT

Mathematics and Statistics is the exploration and use of patterns and relationships in quantities, space, time and data. Through being engaged in knowing, doing, and thinking mathematically and statistically, students develop effective means for investigating, interpreting, explaining, and making sense of the world in which they live.

COURSE CONTENT

There is some further development of algebra, but the main focus of this course is to broaden and extend students' statistics and probability experiences. This course introduces:

- Algebra: linear programming and simultaneous equations with 3 variables
- Probability distributions: Poisson, Binomial, Triangular and Uniform
- Evaluating Statistical Reports
- Statistics Investigations involving: Time Series and formal inference

SPECIAL REQUIREMENTS

- Graphics calculator
- Write-on workbooks for each standard – about \$6 per standard

ASSESSMENT CRITERIA

- | | |
|------------------------------------|------------|
| • 3 External Achievement Standards | 12 credits |
| • 5 Internal Achievement Standards | 18 credits |

PRE REQUISITES

- Level 2 Mathematics - "Achieved" grades in the Achievement Standards (or their equivalent), that are relevant to the course (91264, 91265, 91267, 91268, 91269).
- Under special circumstances, entry is negotiable with the Head of Department.

WHERE DOES IT LEAD?

- Students who complete this course have a range of skills and techniques they could use to solve problems in a variety of statistical and probability contexts.

Students could consider further study in such areas as:

- Statistics and Probability Theory
- Business, insurance, economics, sciences, medicine
- Research in any field
- Data analysis in any field

FURTHER INFORMATION FROM

Mrs Gardner

TECHNOLOGY (TEC) – Level 3

SUBJECT STATEMENT

This course is a practical one at heart requiring students to demonstrate skills in the use of a wide range of processes and machines. They will use the metal lathe, drill press, milling machine, pipe bender and MIG welding equipment to make a downhill Mountain cart similar to the ones used during the off-season at ski resorts in Wanaka and throughout Europe. During the course of this work they will perform destructive and comparative testing of materials to rate them in terms of properties such as tensile strength. This practical research, along with their conclusions will then be presented for assessment in the form of a video. Students will also learn to use 3D engineering software in the form of Inventor Pro. This will be used to design items to be 3D printed in the department.

COURSE CONTENT

This course:

- Focuses on developing students' abilities to independently use workshop machines, hand tools and safety equipment in practical project work
- Teaches how to select, compare and use a range of joining processes in project work
- Develops an awareness of the properties of engineering materials.

SPECIAL REQUIREMENTS

- Course Contributions : \$50
- Suitable workshop footwear. Open toed shoes, sandals and jandals are not allowed.
- All health and safety rules must be followed to take part in practical activities.

ASSESSMENT CRITERIA

- 3 Internal Achievement standards 16 Credits
- 1 External Achievement standard 4 Credits

PRE REQUISITES

- To enter Level 3, a student would need to have successfully completed Level 2 Engineering or Practical Technology and achieved all the credits on offer. Under special circumstances, entry is negotiable with the Head of Department. Students who are interested are encouraged to make an enquiry as prior experience, career goals and achievement in other subjects may be taken into account.

WHERE DOES IT LEAD?

- University courses at degree level in a related area of study
- Employment in related fields or apprenticeships
- Further study on trade related courses.

FURTHER INFORMATION FROM

Mr Clark

TOURISM (TOU) – Level 3

SUBJECT STATEMENT

In Level 3 Tourism, students will study the operation of the tourist industry with particular focus on the major tourist destinations in our region, including New Zealand, Australia and the Pacific Islands.

COURSE CONTENT

This course can include the following:

- Australia as a tourist destination
- The South Pacific as a tourist destination
- Describing and promoting New Zealand as a tourist destination
- Asia as a tourist destination

SPECIAL REQUIREMENTS

- Course Contributions : \$50
- Optional Fieldtrip : \$60

ASSESSMENT CRITERIA

- 4 Unit Standards 22 credits (all internally assessed)

PRE REQUISITES

- None

WHERE DOES IT LEAD?

- Post-school study in tourism and hospitality
- Jobs in the tourism sector, for example:
 - Hotels and hotel management
 - Travel agent
 - Travel wholesaler
 - Air steward
 - Tour guiding
 - Hosting
 - Outdoor leadership and recreation
 - Accommodation providers
 - Cruise ships
 - Adventure Tourism

FURTHER INFORMATION FROM

Miss Boisen