



NELSON COLLEGE
New Zealand
pietas probitas et sapientia



YOUNG MEN TAKING THEIR PLACE IN THE WORLD

CURRICULUM 2020





NELSON
COLLEGE
NEW ZEALAND

*Young men taking their place
in the world*

Nelson College Curriculum 2020

Dear Student,

The 2020 Curriculum booklet outlines the subjects available to students and explains how they are structured into a year's course of study. It outlines qualification frameworks and lists the co-curricular activities available to you. Reading this booklet is the first step in the process of choosing your course of study for 2020.

The decisions you make now will impact on your future, so it is important to consider them carefully. Discuss the options with your parents or legal guardian. Gather as much information as you can so that you can make an informed decision that is right for you.

There are a number of people at Nelson College who can offer you invaluable advice: your homeroom teacher, a subject teacher, year level Dean, a Head of Department, the Careers Advisor or a member of the Leadership Team.

In considering what subjects you wish to take in 2020, think about your possible future career and/or study plans.

Begin by asking yourself some important questions:

- What do I enjoy?
- What will I want to do in the future?
- How can I turn what I enjoy into a pathway for my future?
- What do I have to do to enter this pathway?
- What will I be doing in ten years time?

Make sure you understand what qualification you may gain from each of the subjects you take and whether each subject choice moves you along your chosen pathway.

At Nelson College we believe that balance is important. We believe that students who experience success are students who accept opportunities, have focus and involve themselves in school life, whether it be in the classroom, on the sports field, in a band or on stage. Whatever choices you make and activities you choose to be involved in, ensure that you give them your full commitment and in time you will reap the rewards.

Most of all, once you have made the choices, accept and enjoy the challenges that will be offered in and out of the classroom in 2020.

Gary O'Shea, MEd (Admin)
HEADMASTER

The Structure of Courses – an overview

Courses are structured at all levels of the College to ensure that students have the necessary academic and skills background for whatever future (tertiary training and/or career) they may decide on.

In Year 9, most of the course is compulsory, whereas by Year 13, there is no compulsory element. By their fifth year, students should have some idea of a future course for themselves.

Subject	Year 9	Year 10	Year 11	Year 12	Year 13
English					
Mathematics					
Science					
Health Education					
Physical Education					
Social Studies					
Art (combo)					
Skills Through Technology					
Optional courses	Choose 1 1/2 year course	Choose 4 1/2 year courses	Choose 3 full year courses	Choose 5 full year courses	Choose a minimum of 4 full year courses

Choosing a course of study

Here is a formula that may help you:

Ability	+	Interest	+	Occupation	=	Subject choice
How good are you at a subject?		What do you enjoy?		If you don't know what you want to be, keep your options open by not specialising too soon.		

Also refer to the double page Course Overview chart which shows how subjects progress through the year levels from general to specialist programmes.

Course Guidance Team

If you need help with your choice of subjects please ask:

- Your present subject teacher
- Teachers in charge of subjects
- Your Dean
- A Guidance Counsellor
- Careers Advisor, Leigh Gray

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

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

Neither of these should influence your subject choice.

Your friends may not be in the same class as you next year even if you take the same subjects and no one yet knows who will be teaching any subject next year, so concentrate on what you need for your future.

2020 Year 9 students and their parents/legal guardian will have an interview with members of the student support team during Term 4, 2019.

Course Selection Evening

This is an opportunity for students and their caregivers to view curriculum displays and talk to subject teachers to discuss future options. **Tuesday 13 August** in the school hall.

Timeline for Subject Selection

Online Course Selection opens on **Friday 2 August** and closes on **Friday 23 August**.

Curriculum Overview Chart

LEARNING AREA	YEAR 9 SUBJECTS	YEAR 10 SUBJECTS
The Arts	ARTS COMBO Music Art Drama Art Design Drama Performance Music Performance	Art Art Design Dance Drama Music Performance
Health and Physical Well-being	Physical Education Health Education	Physical Education Health Education Rugby Academy (selected entry) Sports Academy (selected entry)
Languages	English OR ESOL	English OR ESOL
Mathematics	Japanese Te Reo Māori Mathematics	p Japanese p Te Reo Māori } Full or half year course Mathematics
Science	Science	Science Investigative Science
Social Sciences	Social Studies Future Problem Solving (Enrichment class and selected entry)	Social Studies History/Classics Accounting / Business Economics Future Problem Solving
Technology	Skills through Technology	Design Technology (Metal) OR Design Technology (Wood) Computer Digital Technology Food Studies Graphics } Full or half year course Electronics Technology OR Technology
Careers and Communication/Life Skills		

Notes *BOLD type* indicates compulsory subject.

Other subjects listed are options that students may **choose** to take.

NB This information is correct as at June 2019

Please note we reserve the right to change, withdraw or add to courses offered before the start of the next school year.

Information regarding such changes will be made available as appropriate.

Where does your learning lead?

LEVEL 1 SUBJECTS		LEVEL 2 SUBJECTS		LEVEL 3 SUBJECTS	
e	Art or Art Design	e	Art Design	e #	Art Design
	Art Photography	e	Art Painting	e #	Art Painting
		e	Art Photography	e #	Art Photography
		e	Art Printmaking	e #	Art Printmaking
		e	Art Sculpture	e #	Art Sculpture
		p e	History of Art NCG	p e #	History of Art NCG
	Dance	e	Dance	e #	Dance
e	Drama	p e	Drama	p e #	Drama
p e	Music	p e	Music	p e #	Music
		p	Māori Performing Arts	p	Māori Performing Arts
e	Physical Education	p e	Physical Education	p e #	Physical Education
e	Health	p e	Health	p e #	Health
p	Outdoor Education	p	Outdoor Education	p	Outdoor Education
		p	Sports Extension Programme Rugby (selected entry)	p	Sports Extension Programme Rugby (selected entry)
p e	English Language	p	English Language	p #	English Language
p e	English Literature	p e	English Literature	p e #	English Literature
p e	English Extension	p e	English Extension		
	English Communication Literacy		English Communication Literacy		
p	Academic Pathway ESOL	p	Academic Pathway ESOL	p	Academic Pathway ESOL
p	Practical Pathway ESOL	p	Practical Pathway ESOL	p	Practical Pathway ESOL
p	Foundation ESOL				
p e	Japanese	p e	Japanese	p e #	Japanese
p e	Te Reo Māori	p e	Te Reo Māori	p e #	Te Reo Māori
p e	Mathematics with Algebra	p e	Mathematics with Algebra	p e #	Mathematics with Calculus
		p e	Mathematics with Statistics	p e #	Mathematics with Statistics
p	Mathematics	p	Mathematics	p #	Mathematics
	Mathematics for Numeracy				
p	Science and Life Skills				
e	Science				
e	Science Extension Option				
p	Cambridge Science	p e	Biology	p e #	Biology
		p e	Chemistry	p e #	Chemistry
		p e	Earth and Space Science	p e #	Earth and Space Science
		p e	Physics	p e #	Physics
e	Geography	e	Geography	e #	Geography
e	Classics	e	Classics	e #	Classics
e	History	e	History	e #	History
e	Accounting	p e	Accounting	p e #	Accounting
e	Economics	p e	Business	p e #	Business
		p e	Economics	p e #	Economics
e	Media Studies	e	Media Studies	p e #	Media Studies
			Tourism		Tourism
p e	Design Technology (Multi materials)	p e	Design Technology	p e #	Design Technology
	BConstructive Fine Wood	p	Industrial Skills Technology	p	Industrial Skills Technology
e	Computer Digital Technology	p e	Computer Digital Technology	p e #	Computer Digital Technology
	Computer Studies		Computer Studies		Computer Studies
p e	Food and Hospitality		Food and Hospitality		Food and Hospitality NCG
	Graphics (DVC)	p e	Graphics (DVC)	p e #	Graphics (DVC)
	Mechanical Engineering		Automotive Engineering		Automotive Engineering
e	Electronics Technology	p	Industrial Engineering	p	Industrial Engineering
		p	Trade Building (Double Option)	p	Trade Building (Double option)
			Trade Building (Single Option)		Trade Building (Single Option)
	Careers Passport		Careers Passport		Careers Passport Gateway

- # Approved for University Entrance (Level 3 credits)
- NCG Indicates this subject is offered at Nelson College for Girls.
- p Pre-requisites
- e Course can be endorsed with Merit or Excellence

Student evaluation, reviews, interviews, examinations and reports

The academic progress of students is constantly being evaluated throughout the year through a variety of assessments. Senior students are given an a schedule of assessments in each subject.

Years 9 and 10

Regular Deans' meetings monitor the progress of individual students. A progress report is issued in Term 1. Academic reports are issued during Term 2 and at the end of Term 4. Parent-Teacher interviews are held twice a year.

Years 11 – 13

A progress report is issued in Term 1. Academic reports are issued during Term 2 and Term 3. Parent-Teacher interviews are held twice a year. Practice exams are in Term 3. Internal results are available to be viewed via the parent portal.

The importance of homework, home study and review

Nelson College endorses the importance of home study as an essential component in the learning process. Students can expect home study tasks on a regular basis from all their subject areas.

Common forms of homework include:

- Completing a task from the day's class.
- Practising new skills or reinforcing new content learnt during the day.
- Completing assignment work.
- Preparing for an assessment.

If there is no set task students are encouraged to review and revise completed units of work or spend time on personal reading. Latest research shows that these activities are essential for committing knowledge to long term memory and building vital literacy skills.

BYOD 2020

In 2017 Nelson College decided to make the use of devices compulsory for students in Year 9 and 10 with the intention to phase this in over a number of years. In 2020 BYOD (bring your own device) is compulsory for all year levels.

Our motivation is to enable the use of devices in class as often as possible, where applicable. Devices are becoming powerful tools for work at school, as well as create an increasingly smooth transition between school and home. Collaboration, critical thinking, self-regulation and digital literacy are regarded as vital skills for the future and are at the core of our use of IT in the classroom.

For more information on BYOD at Nelson College such as device recommendations, where to buy, finance, security and FREE Microsoft Office 365 visit: <http://www.nelsoncollege.school.nz/it-nelson-college/>

Parent Sign In

Sign in to PARENT PORTAL

- Check Contact Details (update if necessary)
- Timetables and Attendance
- NCEA entries and results
- Vocational pathway
- Reports
- Financial information
- Course Selection (Term 3)

Sign in to ULTRANET

- Departments / Subjects
- Course Outlines
- NCEA Information
- Careers
- Guidance Counselling
- Library

Usernames and passwords will be sent at the start of the year for new students..

Provisional report and exam practice timeline

		Year 9 & 10	Year 11	Year 12	Year 13
Term 1	Week 7		Progress report/interview invitation		
	Weeks 9 & 10		Interviews		
Term 2	Mid-June		Week 6 Senior reports		
	Week 10	Junior reports			
Term 3	Week 3		Interviews		
	Week 5		Exam practice		
	Week 10		Reports – full year		
Term 4	Weeks 4 & 5		External exams		
	Week 9	Reports – full year			



The Junior Curriculum

Years 9 & 10



2020 YEAR 9

COURSE OF STUDY

A broad balanced course, which is largely compulsory in structure to ensure a comprehensive introduction to the first year of secondary education and national curriculum requirements.

COMPULSORY		OPTIONS
Full Year Courses	Hrs	Half Year Options (3 hours/week)
		Select ONE option
English OR ESOL	4	Art Design
Mathematics	4	Drama Performance
Science	4	Japanese
Social Studies	4	Music Performance
Physical Education / Health	3	Te Reo Maori
Skills through Technology	3	
Half Year Course		
Arts Combo (Music, Art, Drama)	3	

GUIDANCE NOTES

- **Arts Combo** is a combined approach to the study of the Arts requirement of the National Curriculum where students will study a core course of six weeks in each Arts discipline.
- **The Physical Education/Health Education** combination enables the PE Department to use creative timetabling to establish the best possible programme.
- **Skills through Technology** provides students with a core course of four skills-based modules – Graphics, Technology, Design (Wood & Metal), Computer Digital Technology through which to experience the application of technology in society.
- **Future Problem Solving** is an extension of the Social Science programme offered to the enrichment class and selected students.
- **Respect 360** is an eight week programme running for an hour a week during English classes in term 1. The programme aims to create a common understanding of the concept of respect within the school.

ENGLISH

Course Description

This course develops skills in written, oral and visual language through the study of books, stories, poems, film, drama and media. Specific areas include:

- Reading – developing personal reading, studying plot and character in literature
- Formal Writing – produce convincing and technically accurate paragraphs, instructions and explanations. Introduction to essays.
- Creative Writing – personal, descriptive, narrative
- Oral & Visual – presenting and reading oral and visual texts in a variety of forms, including speeches, monologues, posters, graphic novels and radio
- Information Literacy

Leads to Year 10 English

Contact *Graeme Peake*

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES

Course Description

Junior ESOL focuses on the development of the four core language skills: Reading, Writing, Speaking and Listening. These courses provide students with opportunities to learn English through the lens of traditional text types studied in English Literature, ranging from poetry, short stories, non-fiction and news, to film, radio, oratory and advertising. Students study thematic units each term which incorporate an emphasis on different grammar and English skills into their exploration of a topic. Assessments range from basic comprehension to application of specific skills through production.

Contact *Emma Gillyon*

HEALTH EDUCATION

Course Description

This course is aimed at developing skills necessary for a healthy lifestyle. Emphasis will be on: self-image, mental health, supporting others, communication and conflict, friendship, sexuality, nutrition and active lifestyles.

Contact *Neil Anderson*

MATHEMATICS

Course Description

This course consolidates, explores and develops content and processes from the New Zealand Mathematics Curriculum. Content from the number, measurement, geometry, algebra and statistics strands is presented within a range of meaningful contexts. The emphasis is on developing confidence within numeric reasoning without the use of a calculator. This is the first year of a two year junior mathematics programme. Students will be grouped with others of similar confidence.

Leads to Year 10 Mathematics

Contact *Alex Crisp*

PHYSICAL EDUCATION

Course Description

This course aims to provide learning experiences in a wide range of physical activities. There is a strong focus on the 4 strands of the Health and Physical Education Curriculum: personal health and development, movement concepts and motor skills, relationships with other people and healthy communities and environments. This is the first of a 2 year junior physical education programme aimed at Levels 4 and 5 of the Physical Education Curriculum.

Leads to Year 10 Physical Education

Contact *Jamie Brown*

SCIENCE

Course Description

This course develops the skills students need to become scientifically literate citizens. They will develop skills in knowledge recall, research and reporting, critical thinking and scientific investigation. Students will explore the relationship between science and technology.

The course will cover the five curriculum strands:

- Nature of Science
- Living World
- Material World
- Physical World
- Planet Earth and Beyond

Leads to Year 10 Science

Contact *Johnnie Fraser*

SKILLS THROUGH TECHNOLOGY

Course Description

This course provides a broad skills-based experience of the application of technology in society. Students will learn skills and processes which will be applied to developing creative solutions to technological problems in a practical situation. Students will study four core modules: Graphics, Design (Metal & Wood), Technology and Computer Digital Technology.

Leads to Year 10 Technology, Digital Technology, Graphics, Metal, Wood and Electronics

Cost: \$60 for take home projects

Contact *Kieran Cleary*

SOCIAL STUDIES

Course Description

This course develops essential skills needed to be an active citizen in New Zealand and to succeed in NCEA. Skills include reading and writing, research and communication, critical thinking, group work and leadership. Students will develop these skills by learning about the following themes of work:

- Identity – Family, school and NZ history, culture and identity
- Critical thinking – problem solving, analysing current issues
- Government – different types of governments including democracy and dictatorship
- Migration - why people move either by choice or without choice and the consequences of this.

Leads to Year 10 Social Studies

Contact *Simon Powrie*

FUTURE PROBLEM SOLVING

Prerequisite: Enrichment class and selected students.

Course Description

FPS is an extension programme. Students compete nationally and internationally solving global problems. The programme develops and strengthens creative problem solving, analytical thinking, teamwork, research skills, oral and written communication skills and initiative.

Leads to Year 10 Future Problem Solving

Cost: \$85 per student for registration

Contact *Sarah Watts*

COMPULSORY COURSE continued

Respect 360

8 week module

This programme is a series of activities, discussion questions or journaling assignments over 8 weeks in Year 9 English classes / assemblies and the wider school which guide our boys through how to:

- redefine respect
- practice The Respect Basics
- break cycles of disrespect
- achieve positive goals and thrive

The 8 weeks culminates in an 'activities' afternoon where Year 9 boys practically put into action their learnings. This is then followed by the boys completing an anonymous survey on aspects of respect and the Colleges climate and culture.

ARTS COMBO

ART

6 week module

Course Description

This is a basic taster course for the Visual Arts. Students are given the experience of traditional and contemporary painting, drawing, printmaking and sculpture.

Leads to Year 10 Art and Art Design

Contact *Deb Kelly*

DRAMA

6 week module

Course Description

This is a fun course that introduces students to the fundamental elements of drama while teaching basic skills. Students will develop their creativity and presentation skills in group settings.

Leads to Year 10 Drama

Contact *Luke Walton*

MUSICAL AWARENESS

6 week module

Course Description

This introductory music course involves:

- Gaining an understanding of music and its place in our world
- Learning basic skills on instruments - guitars/keyboards (extending those with prior knowledge)
- Concentrated listening (elements of music)
- Reading basic notation / guitar tab
- Creating original music
- An introduction to music technology

Leads to Year 9 and Year 10 Music

Contact *Kay MacKenzie*

YEAR 9 OPTION SUBJECTS

Half year courses

ART - DESIGN

Course Description

This is a foundation course introducing graphic design, visual communications and the language of design used in advertising, publishing and the promotions industry. Students will engage in a wide range of activities including conceptual thinking and developing digital outcomes using Adobe Software. This course is strongly linked with the new Digital Technologies.

Leads to Year 10 Art Design

Contact *Deb Kelly*

DRAMA PERFORMANCE

Course Description

This is a practical course focused on the essential speaking and movement skills associated with drama. It will utilise co-operative work skills and develop confidence in performance work with an emphasis on participation and enjoyment.

Contact *Luke Walton*

JAPANESE

Course Description

This course is for students wishing to explore an interest in Japanese language and culture. The course will be structured to meet the needs of both beginners and those with some prior language experience. Topics covered include:

- Self-introductions, including basic greetings and terms of respect
- Numbers, dates, time, ages, colours, seasons
- Hobbies and spare time, likes and dislikes
- Food, using chopsticks, eating habits and manners
- Hiragana alphabet

Leads to Year 10 Japanese

Cost: \$25 Education Perfect fee

Contact *Fiona Keyanonda*

MUSIC PERFORMANCE

Course Description

Students selecting this course must be taking lessons on an instrument either through the college or privately. This course will meet the needs of both beginners and those with prior music learning as students will gain the skills to take them forward as musicians on their chosen instrument. They will create original music using a variety of technologies to express their imaginative ideas and gain experience of setting up systems for live performances. Students will gain greater awareness of the importance of written notation and a deeper understanding of the importance of music in our lives through study of a major work.

Topics covered include: Performance as a soloist or in a group; identifying symbols of music/guitar tab; discussion and analysis of music by recognised artists; concentrated listening (aural skills); sound production; creating own music and writing this down in some form.

Leads to Year 10 Music

Contact *Kay MacKenzie*

TE REO MĀORI

Course Description

This course is for students wanting to learn Te Reo Māori. Some prior knowledge is a bonus but not expected.

We cover Levels 1 –3 of the curriculum.

Topics covered include:

- My family and home
- Leisure
- School
- Anatomy

Leads to Year 10 Te Reo Māori

Contact *Wayne Hippolite*

2020 YEAR 10

COURSE OF STUDY

This programme has a broad and balanced compulsory core and allows students flexibility in the option section to taste possible senior courses through either half or full year courses.

COMPULSORY				
Full year Courses		Hours/week		
English or ESOL		4		
Mathematics		4		
Science		3		
Social Studies		3		
Physical Education/ Health		3		
OPTIONS (4 hours/week)				
Choose the equivalent of four half year options from the categories below. **A maximum of <u>two choices</u> from any one category.				
Technology	Languages	The Arts	Social/Sciences	Sport
Computer Digital Technology	Japanese <i>Half or full year</i>	Art Art Design	Accounting/Business Economics	Rugby Academy Sports Academy
Design Wood <u>or</u> Metal	Te Reo Māori <i>Half or full year</i>	Dance Drama	Future Problem Solving History/Classics	
Food Studies		Music Performance	Investigative Science	
Graphics <i>Half or full year</i>				
Technology <u>or</u> Electronics				

GUIDANCE NOTES

- **Design Wood or Metal** only one can be chosen, NOT BOTH
- **Technology or Electronics** only one can be chosen, NOT BOTH
- **Graphic** is a **HALF** year or **FULL** year option
- **Languages** are **HALF** year or **FULL** year options.
- **FULL** year courses count as **TWO** options
- **Rugby or Sports Academy** only one Academy can be chosen, NOT BOTH

** Permission to enrol for more than two options in one line requires the Headmasters permission.

YEAR 10 COMPULSORY COURSES - Full year courses

ENGLISH

Course Description

This course develops skills in written, oral and visual language through the study of books, stories, poems, film, drama and media. Specific areas include:

- Reading – building on Year 9 plus theme, setting and style.
- Writing – building on Year 9 plus response to text essays and persuasive writing.
- Oral and Visual – close viewing of film, media, static images and speaking, speeches and debates.

Leads to Level 1 English

Contact *Graeme Peake*

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES

Course Description

Junior ESOL focuses on the development of the four core language skills: Reading, Writing, Speaking and Listening. These courses provide students with opportunities to learn English through the lens of traditional text types studied in English Literature, ranging from poetry, short stories, non-fiction and news, to film, radio, oratory and advertising. Students study thematic units each term which incorporate an emphasis on different grammar and English skills into their exploration of a topic. Assessments range from basic comprehension to application of specific skills through production.

Leads to Level 1 ESOL

Contact *Emma Gillyon*

HEALTH EDUCATION

Course Description

This course is aimed at further developing skills necessary for a healthy lifestyle. Areas covered include: Drug education; Keeping ourselves safe; Mental health; Nutrition and Sexuality.

Contact *Neil Anderson*

PHYSICAL EDUCATION

Course Description

This course builds on the learning experiences of the Year 9 course with continued emphasis on participation in a range of physical activities. The four key strands from the Health and Physical Education Curriculum are explored, with an emphasis on sports education and social responsibility.

Leads to Level 1 Physical Education

Contact *Jamie Brown*

MATHEMATICS

Course Description

This course consolidates, explores and develops content and processes of the NZ Mathematics Curriculum. Content from the number, measurement, geometry, algebra and statistics strands is presented within a range of meaningful contexts. This is the second year of a two year course. Students will be grouped with others of similar confidence.

Leads to Level 1 Mathematics or Numeracy

Qualifications: Credits towards NCEA

Contact *Alex Crisp*

SOCIAL STUDIES

Course Description

This course continues to develop the skills that have been introduced in Year 9. These are reading and writing, research and communication, critical thinking, group work and leadership. Students will develop these skills by learning about the following themes of work:

- Leadership - values and society, world leaders
- Future Decisions – careers, goal setting and financial literacy
- Human Rights – may include USA, South Africa, Australia, NZ
- Sustainability – environmental issues, their impact on society and possible solutions

Leads to Level 1 History, Classics and Geography

Contact *Simon Powrie*

SCIENCE

Course Description

This course continues to develop the skills that have been introduced in Year 9. These are knowledge recall, research and reporting, critical thinking and scientific investigation associated with the sciences and relationships between science and technology. The course will cover the five curriculum strands: Nature of Science; Living World; Material World; Physical World; Planet Earth and Beyond.

Leads to Level 1 Science courses

Contact *Johnnie Fraser*

YEAR 10 OPTION COURSES – Half or full year courses

ACCOUNTING/BUSINESS

Half year

Course Description

This course provides an introduction to Accounting, Business and enterprise. Students will learn how business enterprise operates. It promotes financial literacy and an enterprise culture through operating a small business for profit. Students develop skills including: teamwork, problem solving, managing resources, basic accounting, adding value, running a business. Leads to Level 1 Accounting and Level 2 Business
Contact *Simon Mardon*

ART

Half year

Course Description

This course is designed to develop and extend students' ability and interest in a variety of visual art activities including drawing, painting, printmaking and sculpture. Both traditional and contemporary approaches will be explored.
Leads to Level 1 Art
Contact *Deb Kelly*

ART DESIGN

Half year

Course Description

Students will extend skills in graphic design, visual communications and the language of design used in advertising, publishing and the promotions industry. A wide range of activities that include conceptual thinking and developing digital outcomes will be explored using Adobe software and digital photography. This course is also strongly linked with the new Digital Technologies.
Leads to Level 1 Art Design
Contact *Deb Kelly*

HISTORY/CLASSICS

Half year

Course Description

This course involves one term of each History and Classics.
History explores important events in our past and their relation to our modern world. In Year 10 the focus is on getting a general overview of world history from the Dark Ages into the twentieth century.
Classics explores ancient civilization and its connection to our modern world. Y10 students are introduced to Classical Rome and Greece and their legacy today.
Leads to Level 1 History and Classics.
Contacts *Dave van der Velden* (History),
Stuart Roxburgh (Classics)

COMPUTER DIGITAL TECHNOLOGY

Half year

Course Description

In this course students use Animate to create simple graphics and animations. Students will also explore problem solving using App Inventor or another programming language such as JavaScript.
Leads to Level 1 Computer Digital Technology.
Cost: \$10 for Code Avengers subscription for a year.
Contact *Helen Allan*

DESIGN TECHNOLOGY (METAL)

Half year

Course Description

This course involves the development of skills with hand and machine tools to produce practical project work that has a design input. Students will learn to operate effectively with metal and a range of alternative materials.
Leads to Level 1 Design Technology and Mechanical Engineering
Cost: \$40 for take home projects
Contact *Kieran Cleary*

DESIGN TECHNOLOGY (WOOD)

Half year

Course Description

This course involves the development of skills in hand and machine tools to produce practical project work that has a design input. Students will learn to operate effectively with wood and a range of alternative materials.
Leads to Level 1 Bconstructive Fine Wood
Cost: \$40 for take home projects
Contact *Kieran Cleary*

DRAMA

Half year

Course Description

This course develops performance skills and production knowledge in Drama through co-operative group work. They may have performance opportunities in Showquest, Shakespeare Festival and Vast Dance.
Leads to Level 1 Drama
Contact *Luke Walton*

DANCE

Half year

Course Description

This course develops dance skills. Students will work together to choreograph original dance pieces. They may have performance opportunities in Showquest and Vast Dance.
Leads to Level 1 Dance
Contact *Luke Walton*

ECONOMICS

Half year

Course Description

This course looks at how Economics relates to students and their families in a New Zealand context through individual and household choice, demand and spending patterns with a specific emphasis on saving and investment. Students will also compare New Zealand's economy with economies from not only around the world but throughout history to give them a greater breadth of understanding in economic concepts.
Leads to Level 1 Economics
Contact *Simon Mardon*

ELECTRONICS TECHNOLOGY

Half year

Course Description

This course provides an opportunity for students to manufacture an electronic product. This is a practical based course that will teach students how to create circuits and work with other resistant materials.
Qualifications: Credits towards NCEA
Leads to Level 1 Electronics Technology
Cost: \$50 for take home projects
Contact *Kieran Cleary*

FOOD STUDIES

Half year

Course Description

In this course students will develop their knowledge and practical skills in food planning and preparation. There is a dual emphasis– students will gain an appreciation of the skills required to enter the food and hospitality industry plus they will study an area of food technology to gain an understanding of the procedures involved in the production of food.
Leads to Level 1 Food Technology
Cost: \$65 for take home food costs
Contact *Quinton Gately*

FUTURE PROBLEM SOLVING **Half year****Course Description**

FPS is an extension programme. Students compete nationally and internationally solving global problems. The programme develops and strengthens creative problem solving, analytical thinking, teamwork, research skills, oral and written communication skills and initiative.

Cost: \$85 per student for registration

Contact *Sarah Watts*

GRAPHICS **Half year or Full year****Course Description**

Graphics will enable students to communicate design ideas in a range of media, establish the basic skills of reading and drawing problem solving in the areas of architectural, technological, environmental and media design. It includes model making. It is advisable for students to take both courses so they can gain a fuller range of skills. Areas of study will differ in each course.

Leads to Level 1 Graphics

Contact *Kieran Cleary*

INVESTIGATIVE SCIENCE **Half year****Course Description**

A course that will build student's skills in a range of science scenarios. Students will enhance practical, investigative and reporting skills, as well as develop an insight into what scientists actually do in the field and the laboratory.

Leads to Level 1 Science options

Contact *Johnnie Fraser*

JAPANESE **Half year or full year**

Prerequisites: Year 9 Japanese (or equivalent with prior consultation)

Course Description

This course is for students who are interested in learning more about Japanese. Language topics and skills are integrated with cultural studies. The course builds on the introductory course of Year 9 and extends listening, speaking, reading and writing skills. Mastery of Hiragana and Katakana alphabets will be required.

Topics covered include:

- school life for students
- food and drink, ordering in a restaurant, cooking, and eating with chopsticks
- family and home life
- the body clothing, sports, describing people
- Katakana alphabet

This course is a prerequisite for Level 1 Japanese.

Cost: \$25 Education Perfect fee

Contact *Fiona Keyanonda*

MUSIC PERFORMANCE **Half year****Course Description**

Students selecting this course must be taking lessons on an instrument either through the college or privately. This course will be structured to meet the needs of both beginners and those with prior music learning. Topics covered include: Performance as a soloist or in a group; identifying symbols of music/guitar tab; discussion and analysis of music by recognised artists; concentrated listening (aural skills); sound production; creating own music and writing this down in some form.

Leads to Level 1 Music

Extension students may be accepted into Level 1 Music at the discretion of the Director of Music and if the timetable allows.

Contact *Kay MacKenzie*

RUGBY ACADEMY **Half year**

Prerequisites: Enrolment by application and selection

Course Description

Students who are selected for this course will be our junior rugby players. They would already have been identified by Nelson Bays RFU as representative players and would have the potential to be 1st XV players. Must play rugby for a Nelson College team. Half the lessons will be generic sport science sessions. The other half will constitute specialised rugby skills coaching.

Leads to senior sports extension (rugby) class

Contact *Peter Grigg*

SPORTS ACADEMY **Half year****CRICKET, BASKETBALL, VOLLEYBALL OR FOOTBALL**

Prerequisites: Enrolment by application and selection

Course Description

Students who take this course are expected to be our top sportsmen in one of these codes. They would already have been identified by Nelson Associations as representative players and would have the potential to be senior A team sportsmen.

50% of periods – generic sport science sessions

50% of periods – small group skills sessions with resource coaches specific to the boys selected code.

Contact *Rob Anderson*

TECHNOLOGY **Half year****Course Description**

Students will build on the technical terms they gained in the Year 9 compulsory programme. They will use practical skills to create purposeful outcomes following a design making process. Knowledge of how to manipulate materials from students' ideas is balanced with the constraints of functional structures and mechanisms.

Leads to Level 1 Design Technology, Bconstructive Fine Wood and Mechanical Engineering

Cost: \$40 for take home projects

Contact *Kieran Cleary*

TE REO MĀORI **Half year or full year**

Prerequisites: Year 9 Te Reo Māori or equivalent

Course Description

This course builds on the introductory course of Year 9 and extends students' listening, speaking, reading and writing skills. Language topics and skills are integrated with cultural studies. The process of language learning will enhance the students' understanding and appreciation of other cultures.

Leads to Level 1 Te Reo Māori

Contact *Wayne Hippolite*



The Senior Curriculum

Years 11, 12 & 13



Senior School Courses

The number of compulsory courses required is fewer in Years 11, 12 and 13. Personal strengths, more idea of future directions and course counselling will help students to plan their options carefully and build up a meaningful and personalised academic and vocational pathway. Students of any year group may undertake courses from different levels, depending on their individual needs.

Level 1 – Course of study

Compulsory Studies

Level 1 English, Mathematics and a Science subject (each 4 hours/week all year).

Optional Studies

Three full year Level 1 courses.

Guidance Notes

- The Curriculum Overview Chart on pages 4 & 5 lists your option choices. Note that English, Maths and Science have more than one Level 1 course offered. **Seek guidance as to the courses best suited to you.**
- Students are reminded that a well balanced, broad choice of subjects is recommended at Year 11. Do not narrow your range of choices too early.
- Entry requirements and course costs will be stated if applicable.
- Level 1 Extension classes
Extension classes are offered in some Level 1 subjects. These classes aim to prepare students with proven ability in a particular subject for a high level of academic achievement. Selection for these classes is based on academic performance in Year 10. Note that entry into Level 1 extension classes is not automatic for students from Year 9 and 10 enrichment classes.

Level 2 – Course of study

Compulsory studies

English (4 hours/week all year)

Optional Studies

Five full year courses. Selected courses can be at Level 1 or Level 2 provided the stated pre-requisites have been completed.

Guidance Notes

- The Curriculum Overview Chart on pages 4 & 5 lists your option choices.
- Students should consider what subjects they may study in Level 3 in order to enroll for the appropriate pre-requisite subjects in Level 2.
- Students intending to study at university should also consider which courses in Years 12 or 13 will enable them to gain the 10 credits required for UE literacy.
- Entry requirements and course costs will be stated if applicable.

Level 3 – Course of study

There are no compulsory studies.

Optional Studies

Five full year courses.

Guidance Notes

You may choose from any Level 3, Level 2 or Level 1 course on the Curriculum Overview Charts (pages 4 & 5) provided the appropriate pre-requisites have been completed.

Permission to select a minimum of four courses requires Headmaster approval.

University Entrance

UE requires

- Level 3 NCEA.
- 14 credits from three approved subjects.
- Numeracy requirements: A minimum of 10 credits at Level 1 or above in specified numeracy Achievement Standards.
- Literacy requirements: A minimum of 10 credits at Level 2 or above from specified literacy Achievement Standards - 5 credits in reading and 5 credits in writing.

Approved subjects offered at Nelson College

Accounting	History of Art
Biology	Japanese
Business Studies	Mathematics
Chemistry	Calculus
Classical Studies	Statistics
Dance	Media Studies
Design (Practical Art)	Music Studies
Design Visual Communication (Graphics)	Painting (Practical Art)
Digital Technology (Computing)	Photography (Practical Art)
Drama	Physical Education
Earth Space Science	Physics
Economics	Printmaking (Practical Art)
English	Sculpture (Practical Art)
French	Technology
Geography	Te Reo Maori
Health	
History	

Literacy and Numeracy

Levels 1, 2 and 3 require achievement of 10 credits in specified literacy and 10 credits in specified numeracy standards.

University Entrance requires achievement of 5 reading credits and 5 writing credits in specified achievement standards.

The subjects and standards which contribute to literacy and numeracy are indicated in the Course Descriptors from page 20.

Te Kura Subjects (correspondence)

Nelson College can register domestic students that meet the entry criteria with Te Kura for government-funded dual tuition. Te Kura offer a wide range of learning programs and courses, mostly delivered online, from early childhood to NCEA Level 3. If you are interested in learning a language or a subject not currently offered by the school, there is a chance Te Kura may be able to help. Talk to either your year level dean or the Te Kura Co-ordinator to find out more details.

NZ Universities course entry requirements

Auckland, Massey, Victoria, Canterbury and Otago Universities are using a system of Guaranteed Entry Score (GES) or Preferential Entry Score to select students for a) entry to undergraduate courses and b) entry to selected degree programmes.

Guaranteed Entry Scores are calculated using a student's 80 best credits in Level three university approved subjects, weighted by grade (Excellence = 4 points, Merit = 3 points, Achieved = 2 points, with a maximum of 24 points in each subject.

The maximum possible score is 320.)

Some universities use GES to give preferential entry to courses:

Canterbury required 120 points for most degrees, Otago and Massey required 140 points and Victoria required 150 points.

Auckland University has specific GES requirements for each of their undergraduate programmes, ranging from 150 – 280 points.

Applicants with fewer than the required points are wait-listed and admitted to courses only if places remain vacant after students who met the GES requirements are enrolled.

Note that universities can also vary in entry requirements.

For example, many courses have entry requirements additional to UE such as portfolios or interviews.

Grade Entry Scores will be issued by individual universities from mid-year. **For up to date information, go to the university websites, the Nelson College website or contact the careers hub.**

Qualifications in the Senior School

The National Certificate of Education Achievement

How does NCEA Work?

To complete an NCEA certificate students must earn credits. They gain credits by meeting standards in their chosen subject areas. Some standards will be assessed by the external exams, others will be assessed by internal assessment.

NCEA allows students to work towards a national qualification at the pace that suits them best.

NCEA recognises achievement in a wide range of studies. It means schools can offer a broader range of subjects and students can get credits from standards developed by industry.

Achievement/Unit standards make clear to teachers, students and parents the standard of skills and knowledge necessary to earn credit. These standards encourage high expectations.

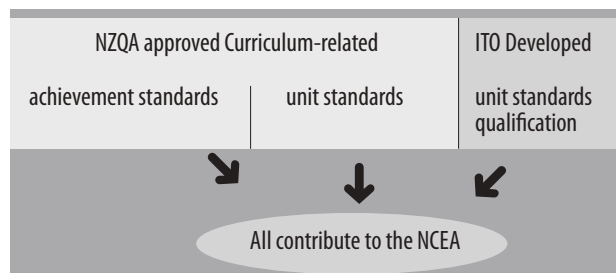
NCEA is academically stretching. Achievement standards have been designed so that satisfactory work, good work and truly excellent achievement can be recognised with Achieved, Merit and Excellence grades.

Students will be told how well they have performed in each part of each subject with grades for both externally examined components and internally assessed work.

NCEA links well to learning options beyond school. School-leavers are able to complete or build on their NCEA at polytechnics, universities and other accredited private training establishments.

NCEA results are recognised by employers throughout New Zealand and overseas. NCEA is used for entrance and selection purposes for tertiary courses.

Exam results contribute credits to the NCEA qualification, as do results from internal assessment. This combination of external exams and internal assessment leads to more accurate and fairer reporting of a student's strengths.



1 National Certificate of Educational Achievement Level One Certificate

Students need to gain 80 credits at Level One.

Of those 80 credits, students will need to have gained 10 credits in specified literacy achievement standards or literacy unit standards and 10 credits in specified numeracy achievement standards or numeracy unit standards.

Level Two Certificate

Students need to gain 80 credits.

Of those 80 credits, 60 must be at Level Two (students may use 20 credits from their Level One certificate to fulfil the requirement for Level Two). Students must also meet the Level One literacy and numeracy requirements.

Level Three Certificate

Students need to gain 80 credits.

Of those 80 credits, 60 must be at Level Three (students may use 20 credits from their Level Two certificate to fulfil the requirement for Level Three). Students must also meet the Level One literacy and numeracy requirements.

2 NCEA Certificate Endorsement

NCEA Certificates at all levels can be endorsed with Merit and Excellence.

To qualify for an endorsement with Excellence, students require 50 credits at Excellence. An endorsement with Merit requires 50 credits at Merit and above.

An endorsed certificate can be gained over more than one year.

3 Subject Endorsement

Students can gain Merit or Excellence endorsement in single subjects by gaining:

- 14 credits at Merit or above for a Merit endorsement
- 14 credits at Excellence for an Excellence endorsement
- A minimum of 3 credits must be from internally assessed standards and a minimum of 3 credits must be from externally assessed standards

The Curriculum Overview Chart shows which subjects are endorseable (refer to pages 4 & 5)

4 University Entrance

Refer to details on page 16.

5 NZQA Scholarship

Scholarship exams are the highest academic level of assessment in NCEA. Students may enter one or a number of scholarship exams in their Level 3 subjects. Extra study and tutorials are required to succeed at this level. Top scholars gain financial awards for success.

Subject specific, trades and vocational qualifications

Students can work towards a number of subject specific qualifications at Nelson College within and beyond their study towards NCEA. These include, but are not limited to: ITO (Industry Training Organisation) qualifications, apprenticeships, vocational pathways, national and New Zealand certificates. These qualifications can be useful to students who want to demonstrate they have attained specific skills to potential employers or who have a specific career path in mind.

ITO/ apprenticeship qualifications

Nelson College offers standards and qualifications provided by a range of Industry Training Organisations including:

- BCITO (Building and Construction)
- Competenz (Technical Trades, Engineering)
- Lincoln University
- MITO (Motor Vehicle Industry Training Organisation)
- NMIT (Nelson Marlborough Institute of Technology)
- PRO+MED (Health and Safety)
- Service IQ (Hospitality, Travel and Tourism)
- Skills Active (Recreation, Sport and Fitness)
- Triple One Care (First Aid)
- Waikato Institute of Sport
- Whenua Iti (Outdoors)

National Certificates

National Certificates are available in specific subject areas and provide an entry level qualification for students. National Certificates can lead to tertiary study towards certificates or diplomas. Some National Certificates are being phased out but the following are current at the time of publication.

Students at Nelson College can work towards the following National Certificates:

- Mechanical Engineering Technology
- Building, Construction, and Allied Trades
- Carpentry
- Tourism
- Sport
- Level 2 Computing User Fundamentals

Vocational Pathways

What are Vocational Pathways?

The Vocational Pathways align standards with six industries and help students see how their learning and achievement is valued in the 'real world'.

Vocational Pathways

- Construction & Infrastructure
- Manufacturing & Technology
- Primary Industries
- Service Industries
- Social & Community Service
- Creative Industries

How to Achieve a Vocational Pathways Award

To achieve a Level 2 Vocational Pathway Award students need to:

- Achieve NCEA Level 2
- Meet the NCEA Literacy and Numeracy requirements (10 Numeracy/10 Literacy)
- Achieve 60 Level 2 credits from 'recommended' standards
- A minimum of 20 credits out of the 60 need to be from Sector Related Standards

NCEA Level 2 (or equivalent) is the minimum qualification that students need to achieve to show that they are ready to enter and progress to further study, training or work.

Achieving NCEA level 2 with Vocational pathways show students have:

- Achieved the required number of credits to achieve NCEA level 2
- Achieved the required industry related credits that align with a particular industry.
- A broad understanding of industry
- An interest or skills that relate to a particular industry

Students can use the Vocational Pathways to plan their studies, and there are many options. By mapping their pathway, students will be able to make an informed decision about their future and identify where their interests can take them.

A student's Vocational Profile, found on their Record of Achievement, shows how their NCEA credits are mapped to Vocational Pathways. The [Profile Builder](#) is a clever tool that helps students to explore their study options and plan their programme.

Students can check out their Vocational Profile at www.nzqa.govt.nz/login/ or at www.youthguarantee.net.nz/vocational-pathways/ or see Mrs Gray for more information.

Student and Parent Guide to NCEA Levels 1-3

Course Statement and Assessment Plan

Students will be given a course statement and an assessment plan for each subject at the beginning of the year telling them the achievement or unit standards in the course, details of resubmission procedures and further assessment opportunities, a calendar of internal assessments and assessments leading to external assessments (eg portfolios, practice exams and tests). They must read this information carefully as not all standards will have a further assessment opportunity. Students will be given at least TWO WEEKS notice of the exact date of an assessment. This could be an assignment deadline or a checkpoint date for a project, or a test.

Course completion

When students enter a course they are expected to attend all classes and participate fully in all activities. This includes completion of all tasks assigned by the teacher during the course. Students will gain a grade for every internally assessed standard in a course they have entered (except where standards are optional as set out in a course guide).

Moderation of internally assessed work

Subject departments have systems of internal moderation to ensure assessment work is marked fairly and to the national standard. Samples of marked assessment are also sent away to National Moderators in each subject.

Missed assessments and extensions of time

Students must make sure they understand the conditions of the assessment (for example, whether assessment work can be taken home and/or whether they can work with other students) and the deadlines that apply to each assessment. Late work for assessment will not be accepted except for the reasons outlined below. All work must be handed in on the due date and all tests and in-class assessments must be completed on the given date.

If students cannot hand in an assessment on time or complete an in-class test or practical activity on the day, they must fill in a 'Missed Assessment/ Extension Application' form (available from the Student Office or downloaded from the NCEA section of Ultranet) as soon as they know they will be late with an assignment or will be absent; or as soon as they return to school, and give it to their subject teacher.

Valid reasons for requesting an extension of time, or a new assessment date include:

- Sickness: supply a medical certificate
- Family or personal trauma: supply a signed note from Guidance Counsellor or Dean
- School sponsored activity: Sporting, Cultural, Academic or similar.

In all cases, it is the students responsibility to fill in a 'Missed Assessment/ Extension Application' form and give it to the teacher whose assessment has been missed/ will be missed.

Note that a request for an extension of time must be made BEFORE the due date for a planned absence, such as a sports trip. Furthermore 'Self-interest Leave' including personal time off and family holidays during term time are not acceptable reasons for an extension or reassessment.

If a student has been given an adequate opportunity for assessment but misses it or does not hand work in without a valid reason (as above) a Not Achieved grade will be reported to NZQA.

Breaches of rules/Authenticity

All work submitted for assessment must be a student's own original and independent work. Students will be required to sign a statement to affirm that work handed in has been completed by them. They must not accept undue assistance from anyone else (eg. other students (past or present), caregivers, teachers or tutors) when completing assessments.

Students will be required to reference their work and acknowledge any sources consulted. Plagiarism or copying from people (eg. students) or sources (eg. books or websites) is not acceptable in NCEA.

Students will be penalised and/or have their grade withdrawn if there is evidence that any breach of assessment rules has occurred, including inappropriately helping or hindering other students.

The course teacher will consult with the HOD and Principal's Nominee and any suspected incident will be investigated. Where cheating or other misconduct or dishonest practice is found to have occurred in an internally assessed standard, a student will be awarded a Not Achieved grade for the standard. Other penalties may be imposed by the Principal's Nominee or the Senior Leadership Team.

Appeals - internal assessments

The appeal process can be used if a student disagrees with any decision relating to assessment: a grade awarded, provision of an assessment opportunity or extension of time or an allegation of breach of rules.

Appealing grades awarded: teachers will explain the criteria for each grade for an assessment when it is handed back. If a student thinks the decision is wrong he should discuss the grade with his teacher before appealing his grade.

An appeal must be made within two weeks of the assessment being returned, using the Appeal form available from the Student Office, NCEA section of Ultranet and giving it to the HOD or Principal's Nominee. The Deputy Principal (Academics) is the final adjudicator in internal appeal decisions.

Appeals - external assessments

Students can apply for a reconsideration or review of an external grade when they receive their external examination booklets. They can do this by logging onto the NZQA website.

School Exams

These will be held in Term 3 under the same conditions as the end of year exams. Results will be reported to students and parents. Evidence from school exams may be used to determine a derived grade at the end of the year if a student with a valid and documented reason misses their exam or has their performance affected.

Derived Grades

If an external exam is missed for health or compassionate reasons students can apply for a derived grade. See the Principal's Nominee for more information on this process.

Special Assessment Conditions

These are provided for students with identified needs for internal and external assessments as appropriate. Please see the Special Needs Co-ordinator for further information.

Fees

Under the NCEA Change Package 2019, there are no longer fees for NCEA or Scholarship for domestic students.

Results and National Student Number (NSN)

Each student will be given a National Student Number (NSN) which can be used to log into NZQA to check personal details, exam entries, results and Record of Achievement. Students and parent/caregivers can also access assessment via the Parent Portal.

Each term students will be issued with an end of term credit summary and results will also accompany the two sets of progress reports issued throughout the school year. Students will be required to sign to confirm their internal assessment results with their teachers to ensure they are reported accurately. If they think a grade is reported incorrectly they must see their teacher or the Student Office.

Further information

- Search the NZQA website: www.nzqa.govt.nz
- See the NCEA area on Ultranet
- Contact the Principals Nominee or the Student Office.

THE ARTS

ART

Level 1

Note: Students may not do both Art and Art Design at Level 1

Level 1 and 2 credits	AS		Level	Credit	Num	Lit
Course Description This mainstream art course includes painting, collage, drawing and other media. Students will produce a two-page folio and a workbook. Leads to Level 2 Painting, Art Design or Photography. Qualifications: Credits towards NCEA Cost \$20 folio Contact <i>Deb Kelly</i>	91313	Use drawing methods to apply knowledge of conventions appropriate to printmaking	L2/Int	4		
	90914	Use drawing methods and skills for recording information using wet and dry media	L1/Int	4		
	90916	Produce a body of work informed by established practice, which develops ideas, using a range of media	L1/Ext	12		

ART DESIGN

Level 1

Note: Students may not do both Art and Art Design at Level 1

Level 1 and 2 credits	AS		Level	Credit	Num	Lit
Course Description: This course provides a grounding in art principles and design including print and photography. Students will design for a range of creative applications, finishing work using Adobe software. The external submission will be produced on a two-page folio. Leads to Level 2 Art Design Qualifications: Credits towards NCEA Cost \$30 for take home projects and folio Contact <i>Deb Kelly</i>	91313	Use drawing methods to apply knowledge of conventions appropriate to printmaking	L2/Int	4		
	90914	Use drawing methods and skills for recording information using wet and dry media	L1/Int	4		
	90916	Produce a body of work informed by established practice, which develops ideas, using a range of media	L1/Ext	12		

ART PHOTOGRAPHY

Level 1

Level 1 and 2 credits	AS		Level	Credit	Num	Lit
Course Description: This course is an introduction to photography. Students will study the camera, darkroom techniques, history and principles of photography and present photographs as finished works. Leads to Level 2 Photography. Qualifications: Credits towards NCEA Cost \$60 for take home projects and folio Contact <i>Deb Kelly</i>	90915	Use drawing conventions to develop work in more than one field of practice	L1/Int	6		
	90917	Produce a finished work that demonstrates skills appropriate to cultural conventions	L1/Int	4		
	91018	Demonstrate knowledge of media and methods used to produce art works	L1/Int	4		L1
	91325	Produce a resolved work that demonstrates control of skills appropriate to cultural conventions	L2/Int	4		

DANCE

Level 1

Level 1 credits	AS		Level	Credit	Num	Lit
Course Description: This course is for students who want to express themselves creatively through performance and choreography. Students will learn a variety of different dance forms including street, hip hop, contemporary, traditional and classical. They will develop individual fitness, core strength, leadership and team building skills. Leads to: Level 2 Dance Qualifications: Credits towards NCEA Contact <i>Luke Walton</i>	90860	Demonstrate understanding of the elements of dance	L1/Int	4		L1
	90858	Compose dance sequences for given briefs	L1/Int	6		
	90002	Perform dance sequences	L1/Int	6		
	90859	Demonstrate ensemble skills in a dance	L1/Int	4		

DRAMA

Level 1

Level 1 credits	AS	Level	Credit	Num	Lit
Course Description: Students will enhance their practical knowledge in devised theatre by developing techniques using movement, creativity, characterisation and performance skills. They will develop self-confidence with regards to performing and study the theory of theatre. Leads to: Level 2 Drama Qualifications: Credits towards NCEA Contact <i>Luke Walton</i>	90997	Devise and perform a drama	L1/Int	5	L1
	90998	Demonstrate understanding of features of a drama/theatre form	L1/Ext	4	L1
	90999	Use features of a drama/theatre form in a performance	L1/Int	4	L1
	90009	Perform an acting role in a scripted production	L1/Int	5	L1
	90011	Demonstrate understanding of the use of drama aspects within live performance	L1/Ext	4	L1

MUSIC

Level 1

Prerequisites: Performance on a musical instrument for two years in a group situation. Entry is at the discretion of the Director of Music

Level 1 credits	US/AS	Level	Credit	Num	Lit
Course Description: This is a course consisting of solo and group performance, score reading and analysis of major works combined with general musical knowledge. *Solo performance 91090 is compulsory. Students will all be expected to prepare for 91093 but withdrawal may be available. *A selection of standards will be offered. Leads to: Level 2 Music Qualifications: Credits towards NCEA Contact <i>Kay MacKenzie</i>	91090	Perform two pieces of music as a features soloist	L1/Int	6	
	91091	Demonstrate ensemble skills through performing a piece of music as a member of a group	L1/Int	4	
	91092	Compose two original pieces of music	L1/Int	6	
	91094	Demonstrate knowledge of conventions used in music scores	L1/Ext	4	L1
	91095	Demonstrate knowledge of two music works from contrasting contexts	L1/Int	6	L1
	91093	Demonstrate aural and theoretical skills through transcription	L1/Ext	4	

ART DESIGN

Level 2

Level 2 credits	AS	Level	Credit	Num	Lit
Course Description: In this course students will produce work that ranges from drawing and rendering, to graphic design produced using software such as Photoshop and Illustrator. An interesting range of projects are designed to develop creative problem solving skills. Leads to Level 3 Art Design. Qualifications: Credits towards NCEA Cost \$40 for take home projects and folio Contact <i>Deb Kelly</i>	91310	Use drawing methods to apply knowledge of conventions appropriate to design	L2/Int	4	
	91315	Develop ideas in a related series of drawings appropriate to established design practice	L2/Int	4	
	91320	Produce a systematic body of work that shows understanding of art making conventions and ideas within design	L2/Ext	12	

ART PAINTING

Level 2

Level 2 credits	AS	Level	Credit	Num	Lit
Course Description: This is a fine arts course in Painting. Students will prepare a two-page folio and develop a wide range of skills while studying both modern and traditional art and art making. Leads to Level 3 Art Painting. Qualifications: Credits towards NCEA Cost \$20 folio Contact <i>Jesse Clifton</i>	91311	Use drawing methods to apply knowledge of conventions appropriate to painting	L2/Int	4	
	91316	Develop ideas in a related series of drawings appropriate to established painting practice	L2/Int	4	
	91321	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting	L2/Ext	12	

ART PHOTOGRAPHY

Level 2

Level 2 credits	AS	Level	Credit	Num	Lit
Course Description: This course covers picture taking, composition, darkroom development, computer and digital presentation. Students complete a two page folio through the study photography traditions and also modern digital techniques. Adobe software is used to complement traditional photography methods. Leads to: Level 3 Photography Qualifications: Credits towards NCEA Cost \$60 for take home projects and folio Contact <i>Deb Kelly</i>	91312	Use drawing methods to apply knowledge of conventions appropriate to photography	L2/Int	4	
	91317	Develop ideas in a related series of drawings appropriate to established photography practice	L2/Int	4	
	91322	Produce a systematic body of work that shows understanding of art making conventions and ideas within photography	L2/Ext	12	

DANCE

Level 2 & 3

Level 2 and 3 credits	AS	Level	Credit	Num	Lit
Course Description: This course is for students who want to express themselves creatively through performance and choreography. They will learn a variety of different dance forms including street, hip hop, contemporary, traditional and classical. Students will develop individual fitness, core strength, leadership and team building skills. *Either 91206 or 91205. 91212 is optional. Qualifications: Credits towards NCEA and University Entrance. Contact <i>Luke Walton</i>	91206	Choreograph a solo dance to communicate an intention	L2/Int	4	
	91205	Choreograph a group dance to communicate an intention	L2/Int	4	
	91207	Perform an ethnic or social dance to communicate understanding of the style	L2/Int	4	
	91209	Perform a repertoire of dance	L2/Int	6	
	91212	Demonstrate understanding of a dance genre or style in context	L2/Ext	4	L1
	91590	Perform a solo or duet dance	L3/Int	4	
	91588	Produce a dance to realise a concept	L3/Int	8	
	91592	Perform a repertoire of contrasting dances	L3/Int	6	
	91594	Analyse a dance performance	L3/Ext	4	UE w

DRAMA

Level 2

Prerequisites: 12 Level 1 Drama credits

Level 2 credits	AS	Level	Credit	Num	Lit
Course Description: This course extends students in vocal communication, characterisation, teamwork, confidence and other essential skills. There are a number of performance opportunities, including a major class production. Leads to: Level 3 Drama Qualifications: Credits towards NCEA Contact <i>Luke Walton</i>	91213	Apply drama techniques in a scripted context	L2/Int	4	UE r
	91214	Devise and perform a drama to realise an intention	L2/Int	5	L1
	91218	Perform a substantial acting role in a scripted production	L2/Int	5	UE r
	91219	Discuss drama elements, techniques, conventions and technologies within live performance	L2/Ext	4	UE w
	91216	Use complex performance skills associated with a drama or theatre form or period	L2/Int	4	UE r
	91215	Discuss a drama or theatre form or period with reference to a text	L2/Ext	4	UE rw

HISTORY OF ART NCG

Level 2

Prerequisites: Must meet the entry requirements for Level 2 English

Level 2 credits	AS	Level	Credit	Num	Lit
Course Description: This course explores themes and techniques used in Art and the historical contexts in which it is made. Students will learn to analyse art works' formal elements, symbolism and influences. In the internal assessments students will look at art in Nelson's environment, visit galleries to critique work and investigate an art crime. The focus is 19th century Art including artists such as: Monet, David, Delacroix, Cezanne, Millet, Van Gogh, Rodin, Manet. Qualifications: Credits towards NCEA Contact <i>Anna Heinz</i>	91180	Examine the effects of formal elements of art works	L2/Ext	4	UE w
	91181	Examine the meanings conveyed by art works	L2/Ext	4	UE w
	91184	Communicate understanding of an art history topic	L2/Int	4	UE r
	91185	Communicate a considered personal response to art works	L2/Int	4	L1
	91186	Demonstrate understanding of art works in relation to their physical environments	L2/Int	4	L1

MĀORI PERFORMING ARTS

Level 2 & 3

Co-requisites: Level 1 Te Reo Māori

Level 2 and 4 credits	US	Level	Credit	Num	Lit
Course Description: This is a mainly practical course which focuses on extending knowledge and skills in the four key areas of Māori performing arts: Haka, Waiata, Poi and Waiata-ā-ringa. *Only those who have already studied Level 2 MPA will be assessed at Level 4. Qualifications: Credits towards NCEA Contact <i>Wayne Hippolite</i>	13372	Perform haka	L4/Int	15	
	13373	Perform haka wahine	L4/Int	15	
	13368	Perform poi	L4/Int	17	
	13360	Perform moteatea	L4/Int	15	
	13364	Perform waiata-ā-ringa	L4/Int	15	
	13371	Demonstrate knowledge and skills of haka	L2/Int	6	
	27698	Demonstrate knowledge and skills of haka wahine	L2/Int	6	
	13367	Demonstrate knowledge and skills of poi	L2/Int	7	
	13359	Demonstrate knowledge and skills of moteatea	L2/Int	6	
	13363	Demonstrate knowledge and skills of waiata-ā-ringa	L2/Int	6	

MUSIC

Level 2

Prerequisites: Performance on a musical instrument for three years, in a group situation Ability to read symbol music. Entry is at the discretion of the Director of Music

Level 2 credits	US/AS	Level	Credit	Num	Lit
Course Description: This course consists of performance, writing music, arranging music, investigating a New Zealand music topic. Students may undertake individualised programmes at the discretion of the Director of Music. *A selection of standards will be offered. Leads to: Level 3 Music Qualifications: Credits towards NCEA Contact <i>Kay MacKenzie</i>	91270	Perform two substantial pieces of music as a featured soloist	L2/Int	6	
	91271	Compose two substantial pieces of music	L2/Int	6	
	91272	Demonstrate ensemble skills by performing a substantial piece of music as a member of a group	L2/Int	4	
	91273	Devise an instrumentation for an ensemble	L2/Int	4	
	91276	Demonstrate knowledge of conventions used in a range of music scores	L2/Ext	4	L1
	91278	Investigate an aspect of New Zealand music	L2/Int	4	L1

ART DESIGN

Level 3

Prerequisites: Level 2 Art Design or Level 2 Art Photography

Level 3 credits	AS	Level	Credit	Num	Lit
Course Description: Students explore a design project presented on a three-page folio. This submission is a thematic and personal body of work where the teacher guides students through their individual programme. Adobe software is used to complete work for folio presentation. Qualifications: Credits towards NCEA and University Entrance Cost \$60 for take home projects and folio Contact <i>Deb Kelly</i>	91445	Use drawing to demonstrate understanding of conventions appropriate to design	L3/Int	4	
	91450	Systematically clarify ideas using drawing informed by established design practice	L3/Int	4	
	91455	Produce a systematic body of work that integrates conventions and regenerates ideas within design	L3/Ext	14	

ART PAINTING

Level 3

Level 3 credits	AS	Level	Credit	Num	Lit
Course Description: This course involves the submission of a workbook and three-page folio which systematically develops an idea through a study of art practice, materials and techniques. Students will have the opportunity to explore a self-directed proposal. Qualifications: Credits towards NCEA and University Entrance Cost \$60 for take home projects and folio Contact <i>Jesse Clifton</i>	91446	Use drawing to demonstrate understanding of conventions appropriate to painting	L3/Int	4	
	91451	Systematically clarify ideas using drawing informed by established painting practice	L3/Int	4	
	91456	Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice	L3/Ext	14	

ART PHOTOGRAPHY

Level 3

Co-requisites: Students should have access to a SLR or suitable digital camera

Level 3 credits	AS	Level	Credit	Num	Lit
Course Description: This course involves a three-page folio and workbook presentation exploring and developing ideas based upon a study of photographic tradition as well as materials and techniques. Students may prepare a folio by using computer software and digital printing or by conventional darkroom techniques. Qualifications: Credits towards NCEA and University Entrance Cost \$60 for take home projects & folio Contact <i>Deb Kelly</i>	91447	Use drawing to demonstrate understanding of conventions appropriate to photography	L3/Int	4	
	91452	Systematically clarify ideas using drawing informed by established photography practice	L3/Int	4	
	91457	Produce a systematic body of work that integrates conventions and regenerates ideas within photography	L3/Ext	14	

ART PRINTMAKING

Level 3

Prerequisites: Approval by the HOD

Level 3 credits	AS	Level	Credit	Num	Lit
Course Description: This course involves the submission of a three-page folio and workbook which systematically develops a theme through historical study, investigating and developing materials and techniques in printmaking. Qualifications: Credits towards NCEA and University Entrance Cost \$60 for take home projects and folio Contact <i>Deb Kelly</i>	91448	Use drawing to demonstrate understanding of conventions appropriate to printmaking	L3/Int	4	
	91453	Systematically clarify ideas using drawing informed by established printmaking practice	L3/Int	4	
	91458	Produce a systematic body of work that integrates conventions and regenerates ideas within printmaking	L3/Ext	14	

ART SCULPTURE

Level 3

Prerequisites: Approval by the HOD

Level 3 credits	AS	Level	Credit	Num	Lit
Course Description: This course involves the submission of a three-page folio and workbook which systematically develops a theme through historical study, investigating and developing materials and techniques in sculpture. Qualifications: Credits towards NCEA and University Entrance Cost \$60 for take home projects and folio Contact <i>Deb Kelly</i>	91449	Use drawing to demonstrate understanding of conventions appropriate to sculpture	L3/Int	4	
	91454	Systematically clarify ideas using drawing informed by established sculpture practice	L3/Int	4	
	91459	Produce a systematic body of work that integrates conventions and regenerates ideas within sculpture practice	L3/Ext	14	

DRAMA

Level 3

Prerequisites: 12 Level 2 credits in Drama

Level 3 credits	AS	Level	Credit	Num	Lit
Course Description: This course combines in-depth theoretical theatre studies and performance opportunities. Students will devise, direct and perform in original dramas while developing technical and production skills. Qualifications: Credits towards NCEA and University Entrance Contact <i>Luke Walton</i>	91512	Interpret scripted text to integrate drama techniques in performance	L3/Int	4	UE r
	91513	Devise and perform a drama to realise a concept	L3/Int	5	L1
	91514	Interpret a text from a prescribed playwright to demonstrate knowledge of a theatre form or period	L3/Ext	4	UErw
	91517	Perform a substantial acting role in a significant production	L3/Int	5	UE r
	91518	Demonstrate understanding of live drama performance	L3/Ext	4	UE w

HISTORY OF ART NCG

Level 3

Prerequisites: Students must meet the entry requirements for Level 3 English. Students not meeting this requirement may be admitted at the discretion of the TIC and HOD.

Level 3 credits	AS	Level	Credit	Num	Lit
Course Description: This course involves exploration of the socio-historical contexts that impact on art works and artists. Students will evaluate art works' formal elements and influences, explore how theory is tied into art, how the art making process profoundly impacts the product and debate the values that are placed on art. The focus is Early Italian Art that followed a path of development that became the Renaissance. This is a thought-provoking theory course for Practical Art students and a very interesting study for any student. Qualifications: Credits towards NCEA and University Entrance Contact <i>Anna Heinz</i>	91482	Demonstrate understanding of style in art works	L3/Ext	4	UE rw
	91484	Examine the relationship(s) between art and context	L3/Ext	4	UE rw
	91485	Examine the impact of media and processes on art works	L3/Int	4	UE r
	91487	Examine the different values placed on art works	L3/Int	4	UE r
	91488	Examine the relationship(s) between a theory and art works	L3/Int	4	UE r

MUSIC

Level 3

Prerequisites: Performance on a musical instrument. Entry is at the discretion of the Director of Music.

Level 3 credits	US/AS	Level	Credit	Num	Lit
Course Description: This course consists writing music, understanding how other composers write music, arranging music for a group, music reading skills and researching a music topic. Students are expected to be able to work independently to practice, analyse and perfect their own work. *Students will follow an individualised programme at the discretion of the Director of Music. Qualifications: Credits towards NCEA and University Entrance Contact <i>Kay MacKenzie</i>	91416	Perform two programmes of music as a featured soloist	L3/Int	8	
	91418	Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group	L3/Int	4	
	91419	Communicate musical intention by composing three original pieces of music	L3/Int	8	
	91423	Examine the influence of context on a substantial music work	L3/Ext	4	L1
	91424	Create two arrangements for an ensemble	L3/Int	4	
	91425	Research a music topic	L3/Int	6	UE r
	91421	Demonstrate understanding of harmonic and tonal conventions in a range of music	L3/Ext	4	
	91422	Analyse a substantial music work	L3/Int	4	L1
	91849	Compose three original songs that express imaginative thinking	L3/Int	8	L1

HEALTH/PHYSICAL/OUTDOOR EDUCATION

HEALTH

Level 1

Level 1 Credits	AS/US	Level	Credit	Num	Lit
Course Description Students will develop the skills needed to establish fitness, healthy practices and health maintenance. They will develop strategies for achieving and maintaining their own wellbeing. Qualifications: Credits towards NCEA Contact <i>Neil Anderson</i>	90971	Take an action to enhance an aspect of personal wellbeing	L1/Int	3	L1
	91097	Demonstrate understanding of ways in which wellbeing can change and strategies to support wellbeing	L1/Int	4	L1
	90973	Demonstrate understanding of interpersonal skills used to enhance relationships	L1/Int	5	L1
	90975	Demonstrate understanding of issues to make health-enhancing decisions in drug-related situations	L1/Ext	4	L1
	90974	Demonstrate understanding of strategies for promoting positive sexuality	L1/Int	4	L1

OUTDOOR EDUCATION

Level 1

Prerequisites: Proven responsibility, enthusiasm and organisational skills. This course requires total commitment and full attendance, especially for the weekly practicals and longer adventures.

Level 1 and 2 credits	US/AS	Level	Credit	Num	Lit
Course Description If you love adventures and want to develop skills in a range of outdoor pursuits then this is the course for you. You will develop skills in kayaking, mountain biking, rock climbing and tramping. Alongside technical skills you will build resilience, organisational and leadership skills and develop a passion for the outdoor environment. This course involves a two hour adventure in class time, plus a total of 6 days out of school. Assessments are a mixture of unit and achievement standards. Leads to Year 12 and then 13 Outdoor Education where you become more independent in the outdoors. Assessments can be modified for students doing physical education course as well as outdoor education. Qualifications: Credits towards NCEA Costs: Field trip costs \$340 Contact <i>Steve Garside or Dulkara Martig</i>	20818	Flatwater kayaking (US)	L1/Int	2	
	489	Demonstrate sea kayaking skills on sheltered or slow-moving water	L2/Int	3	
	90968	Demonstrate, and show understanding of, responsible behaviour for safety during outdoor education activities (AS)	L1/Int	3	L1
	90964	Demonstrate quality movement in the performance of a physical activity (AS)	L1/Int	3	
	425	Experience day tramps (US)	L2/Int	3	
	426	Experience camping (US)	L2/Int	3	
	90970	Demonstrate self-management strategies and describe the effects on participation in physical activity (AS)	L1/Int	3	L1

PHYSICAL EDUCATION

Level 1

Level 1 Credits	AS	Level	Credit	Num	Lit
Course Description This course consists of both practical and theoretical elements to give a comprehensive understanding of physical education at this level. It is an ideal course for those students wishing to pursue physical education in the senior school. The course is worth 20 credits however an optional 4 extra credits is available from AS 90965 for those students who opt for it. Leads to Level 2 Physical Education. Qualifications: Credits towards NCEA Costs: Athletics \$10 Field trips skiing and paintball \$120 (optional) Contact: Grant Bilcliff	90962	Participate actively in a variety of physical activities and explain factors that influence own participation	L1/Int	5	
	90963	Demonstrate understanding of the function of the body as it relates to the performance of physical activity	L1/Int	5	L1
	90964	Demonstrate quality movement in the performance of a physical activity	L1/Int	3	
	90965	Demonstrate understanding of societal influences on physical activity and the implications for self and others	L1/Int	4	L1
	90966	Demonstrate interpersonal skills in a group and explain how these skills impact on others	L1/Int	4	L1
	90967	Demonstrate strategies to improve the performance of a physical activity and describe the outcomes	L1/Int	3	L1

HEALTH

Level 2

Prerequisite: Students who have not previously studied Health may be admitted at the discretion of the HOD. A high level of literacy is required

Level 2 credits	AS	Level	Credit	Num	Lit
Course Description This is a course suitable for students anticipating a career in Health or community industries such as dietician, nursing or social worker. Students will study current issues such as gender and sexuality, how beliefs impact on relationships, resilience and managing safety in sexual situations. Students will also develop and carry out an action plan designed to improve well-being in our school community. Qualifications: Credits towards NCEA Contact <i>Neil Anderson</i>	91235	Analyse an adolescent health issue	L2/Ext	5	L1
	91236	Evaluate factors that influence people's ability to manage change	L2/Int	5	L1
	91237	Take action to enhance an aspect of people's well-being within the school or wider community	L2/Int	5	L1
	91239	Analyse issues related to sexuality and gender to develop strategies for addressing the issues	L2/Int	5	L1

OUTDOOR EDUCATION

Level 2

Prerequisites: Proven responsibility, enthusiasm and organisational skills. This course requires total commitment and full attendance, especially for the weekly adventures and expeditions.

Level 2	US/AS	Level	Credit	Num	Lit
Course Description If you love learning outside the classroom, new experiences and challenges, then this course is for you. You will develop skills in a range of outdoor pursuits including kayaking, mountain biking, rock climbing, tramping and mountaineering. You will develop transferable leadership and risk analysis skills, as well as an appreciation for the outdoor environment. This course involves a two hour adventure in class time, plus a total of 9 days out of school. This course is internally assessed, with a combination of unit & achievement standards. Assessments can be modified for students doing physical education course as well as outdoor education. Leads to Level 3 Outdoor Education. Qualifications: Credits towards NCEA and University Entrance Costs: Field trip costs \$420 Contact <i>Steve Garside or Dulkara Martig</i>	20121	Demonstrate kayaking skills on Grade II white-water	L2/Int	4	
	476	Roll a kayak	L2/Int	2	
	91333	Analyse the application of risk management strategies to a challenging outdoor activity	L2/Int	3	L1
	91335	Examine the implementation and outcome(s) of a physical activity event or opportunity	L2/Int	3	L1
	91334	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	L2/Int	3	
	91330	Perform a physical activity in an applied setting	L2/Int	4	
	18132	Mountaineering	L2/Int	3	

PHYSICAL EDUCATION

Level 2

Prerequisites: 12 Level 1 credits in Physical Education or negotiation with HOD

Level 2 credits	AS	Level	Credit	Num	Lit
Course Description This course combines theoretical components with practical applications to help understanding at Level 2. It is ideal for students wishing to pursue Physical Education in Year 13. Leads to Level 3 Physical Education. Qualifications: Credits towards NCEA Contact <i>Jamie Brown</i>	91328	Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills	L2/Int	5	L1
	91329	Demonstrate understanding of the application of biophysical principles to training for physical activity	L2/Int	4	L1
	91330	Perform a physical activity in an applied setting	L2/Int	4	
	91332	Evaluate leadership strategies that contribute to the effective functioning of a group	L2/Int	4	L1
	91334	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	L2/Int	3	

SPORTS EXTENSION PROGRAMME - RUGBY

Level 3

Prerequisites: Selected entry by application to the Master in charge of Rugby

Level 3 credits	US	Level	Credit	Num	Lit
Course Description Selected students work with coaches and invited specialists to cover fitness work; individual skills; team skills and coaching. This course is designed to help our top rugby players excel by providing them with the time and expertise to take their chosen sport to the next level. Qualifications: Credits towards NCEA and National Certificate in Sport Contact <i>Peter Grigg</i>	20673	Demonstrate knowledge of injury prevention and risk and injury management in sport or recreation	L3/Int	4	
	22768	Conduct and review a beginner level coaching session	L3/Int	6	
	22771	Plan a beginner level coaching session for sport participants	L3/Int	4	
	26223	Apply sport rules and regulations while officiating in a competitive sports event	L3/Int	6	

HEALTH

Level 3

Prerequisite: Students who have not previously studied Health may be admitted at the discretion of the HOD. A high level of literacy is required

Level 3 credits	AS	Level	Credit	Num	Lit
Course Description This is a course suitable for students whose future may involve a career in the Health or community services or those interested in contemporary issues. Students will study current health issues in New Zealand and overseas. They will compare western scientific practices and traditional medicine and analyse a contemporary ethical issue. Qualifications: Credits towards NCEA and University Entrance Contacts <i>Neil Anderson</i>	91461	Analyse a New Zealand health issue	L3/Int	5	UE r
	91462	Analyse an international health issue	L3/Ext	5	UE rw
	91463	Evaluate health practices currently used in New Zealand	L3/Int	5	UE r
	91464	Analyse a contemporary ethical issue in relation to well-being	L3/Int	4	UE r

OUTDOOR EDUCATION

Level 3

Prerequisites: Level 2 OED (minimum 15 credits) or equivalent experience, or at discretion of HOD

Level 3 credits	US/AS	Level	Credit	Num	Lit
Course Description If you want to become an independent outdoor adventurer, then this course is for you. The topics studied are kayaking, mountain biking, rock climbing and tramping. This course is fully internally assessed and will involve a weekly in class two hour adventure and four expeditions (kayaking, tramping and rock climbing) resulting in a total of 10 days out of school. You will develop transferable leadership and safety management skills. Assessments can be modified for students doing physical education course as well as outdoor education. Qualifications: Credits towards NCEA Costs: Field trip costs \$480 Contact <i>Steve Garside or Dulkara Martig</i>	28516	Prepare for, participate in and evaluate an outdoor experience as a member of a group	L3/Int	15	
	91504	Analyse issues in safety management for outdoor activity to devise safety management strategies	L3/Int	3	L1
	91501	Demonstrate quality performance of a physical activity in an applied setting	L3/Int	4	L1
	91789	Devise strategies for a physical activity outcome	L3/Int	4	
	<i>91501 will be for students <u>not</u> doing level 3 PE and will be replaced with 91789 for those doing level 3 PE</i>				

PHYSICAL EDUCATION

Level 3

Prerequisites: 12 Level 2 credits in Physical Education or negotiation with HOD

Level 3 credits	AS	Level	Credit	Num	Lit
Course Description This course involves physical activity experiences and their evaluation; analysing performance in golf; using 'games for understanding' in basketball and participation in a variety of physical activities to help reinforce the importance of life long wellbeing. Qualifications: Credits towards NCEA and University Entrance Cost \$80 golf fees Contact <i>Jamie Brown</i>	91498	Evaluate physical activity experiences to devise strategies for lifelong well-being	L3/Int	4	L1
	91499	Analyse a physical skill performed by self or others	L3/Int	3	L1
	91500	Evaluate the effectiveness of a performance improvement programme	L3/Int	4	L1
	91501	Demonstrate quality performance of a physical activity in an applied setting	L3/Int	4	L1
	91502	Examine a current physical activity, trend, or issue and its impact on New Zealand society	L3/Int	4	UE r

LANGUAGES

All Year 11 and 12 students are required to study English and will be placed in one of the following courses: English Language; English Literature: English Extension, Communication Literacy or ESOL. Students will be selected on their results and teacher recommendation.

ENGLISH LANGUAGE

Level 1

Level 1 credits	AS	Level	Credit	Num	Lit
Course Description	90052	Produce creative writing	L1/Int	3	L1
A general course comprising Level 1	90053	Produce formal writing	L1/Int	3	L1
Achievement Standards sufficient to gain Level 1 Literacy credits and to prepare for Level 2 English courses. All standards are internally assessed.	90853	Use information literacy skills to form conclusion(s)	L1/Int	4	L1
Leads to Level 2 English - Language.	90856	Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence	L1/Int	3	L1
Qualifications: Credits towards NCEA	90857	Construct and deliver an oral text	L1/Int	3	L1
Contact <i>Leigh Tutty</i>					

ENGLISH LITERATURE

Level 1

Prerequisites: Satisfactory results in Year 10 English and teacher's recommendation

Level 1 credits	AS	Level	Credit	Num	Lit
Course Description	90850	Show understanding of specified aspect(s) of visual or oral text(s), using supporting evidence	L1/Ext	4	L1
A general course comprising Level 1	90851	Show understanding of significant aspects of unfamiliar written text(s) through close reading, using supporting evidence	L1/Ext	4	L1
Achievement Standards (both external and internal) sufficient to gain the required Level 1 Literacy credits and to prepare for Level 2 English courses.	90052	Produce creative writing	L1/Int	3	L1
Leads to Level 2 English - Literature.	90053	Produce formal writing	L1/Int	3	L1
Qualifications: Credits towards NCEA	90853	Use information literacy skills to form conclusion(s)	L1/Int	4	L1
Contact <i>Leigh Tutty</i>	90857	Construct and deliver an oral text	L1/Int	3	L1

ENGLISH EXTENSION

Level 1

Prerequisites: Students will be invited to select this course based on good Year 10 results and teacher's recommendation

Level 1 credits	AS	Level	Credit	Num	Lit
Course Description	90849	Show understanding of specified aspect(s) of studied written text(s), using supporting evidence	L1/Ext	4	L1
An advanced Level 1 English Course designed for students with well-established competencies in reading and writing seeking consolidation and extension of their abilities to an enhanced level.	90850	Show understanding of specified aspect(s) of visual or oral text(s), using supporting evidence	L1/Ext	4	L1
Leads to Level 2 English - Extension.	90851	Show understanding of significant aspects of unfamiliar written texts through close reading with supporting evidence	L1/Ext	4	L1
Qualifications: Credits towards NCEA	90052	Produce creative writing	L1/Int	3	L1
Contact <i>Leigh Tutty</i>	90053	Produce formal writing	L1/Int	3	L1
	90852	Explain significant connection(s) across texts, using supporting evidence	L1/Int	4	L1

ENGLISH COMMUNICATION LITERACY

Level 1

Level 1 credits	US	Level	Credit	Num	Lit
Course Description	26622	Write to communicate ideas for a purpose and audience	L1/Int	4	L1
This is a practical English course that will enable students to meet the basic requirement for Level 1 Literacy.	26624	Read texts with understanding	L1/Int	3	L1
*26622, 26624 and 26625 together meet the Level 1 literacy requirements.	26625	Actively participate in spoken interactions	L1/Int	3	L1
Qualifications: Credits towards NCEA	3483	Fill in a form	L1/Int	2	
Contact <i>Colleen Croft</i>	10792	Write formal personal correspondence	L1/Int	3	
	1273	Express ideas in writing and write an original story	L1/Int	4	

Academic Pathway ESOL

Level 1

Prerequisite: Testing and assessment on entry

Level 1 credits	US/AS	Level	Credit	Num	Lit
Course Description Students in this course will complete one unit of work per term, which will include both a core skills focus (Reading, Writing, Speaking, Listening) as well as the opportunity to complete one or more unit or achievement standards. From 2019, no electronic devices can be used for translation purposes, as per the NZQA guidelines. Students will have access to bilingual and English dictionaries in their classrooms for those activities and standards where use of a dictionary is permitted. Leads to Level 2 English Qualifications: Credits towards NCEA Contact <i>Emma Gillyon</i>	26624	Read texts with understanding	L1/Int	3	L1
	90854	Form personal responses to independently read texts supported by evidence	L1/Int	4	L1
	26622	Write to communicate for a purpose and audience	L1/Int	4	L1
	26625	Actively participate in spoken interactions	L1/Int	3	L1
	30979	Demonstrate understanding of simple spoken texts in everyday situations	L1/Int	10	

Practical Pathway ESOL

Level 1

Prerequisite: Testing and assessment on entry

Level 2 credits	US/AS	Level	Credit	Num	Lit
Course Description Students in this course will complete one thematic unit per term. Each term will also include a core skill focus: Reading, Writing, Speaking or Listening. The unit standard assessed at the end of each term will be the culmination of the students' study and practical application of that particular skill during the term. Qualifications: Credits towards NCEA Contact <i>Emma Gillyon</i>	30994	Read and understand simple texts in everyday contexts	L1/Int	5	
	31041	Write basic texts for practical purposes relevant to self	L1/Int	10	
	31025	Present simple information on an everyday topic	L1/Int	5	
	30984	Demonstrate understanding of simple spoken instructions in everyday situations	L1/Int	5	
	<i>Optional standards at this level: US 31005: Read and understand a range of simple texts independently (5) AS 90854: Form personal responses to independently read texts, supported by evidence (4) *Literacy- Reading</i>				

Foundation ESOL

Level 1

Prerequisite: Testing and assessment on entry

Level 1 credits	US	Level	Credit	Num	Lit
Course Description Students in this course will complete one thematic unit per term. Each term will also include a core skill focus: Reading, Writing, Speaking or Listening. The unit standard assessed at the end of each term will be the culmination of the students' study and practical application of that particular skill during the term. Qualifications: Credits towards NCEA Contact <i>Emma Gillyon</i>	31000	Read and understand very basic information for common everyday practical purposes	L1/Int	10	
	27996	Write simple texts on everyday topics	L1/Int	5	
	31024	Present information on an everyday personal topic	L1/Int	5	
	30983	Demonstrate understanding of basic spoken instructions in common everyday situations	L1/Int	5	

JAPANESE

Level 1

Prerequisites: Year 10 Japanese

Level 1 credits	AS	Level	Credit	Num	Lit
Course Description Students will learn to write in their second language and learn the tools to speak Japanese in everyday situations. Themes include: leisure activities; school life and events; family life and routines; the world around us, and health. Leads to Level 2 Japanese. Qualification: Credits towards NCEA Costs \$25 Education Perfect fee Contact <i>Fiona Keyanonda</i>	90893	Demonstrate understanding of a variety of spoken Japanese texts on areas of most immediate relevance	L1/Ext	5	
	90894	Give a spoken presentation in Japanese that communicates a personal response	L1/Int	4	
	90895	Interact using spoken Japanese to communicate personal information, ideas and opinions in different situations	L1/Int	5	
	90896	Demonstrate understanding of a variety of Japanese texts on areas of most immediate relevance	L1/Ext	5	
	90897	Write a variety of text types in Japanese on areas of most immediate relevance	L1/Int	5	

TE REO MĀORI

Level 1

Prerequisites: Year 9 & 10 Māori (or equivalent)

Level 1 credits	AS	Level	Credit	Num	Lit
Course Description This course covers the four core language skills of Tuhituhi (writing), Pānui (comprehension), Whakarongo (aural), and Kōrero (oral). Leads to Level 2 Te Reo Māori. Qualifications: Credits towards NCEA Contact <i>Wayne Hippolite</i>	91085	Whakarongo kia mōhio ki te reo o tōna ao	L1/Int	6	L1
	91086	Kōrero kia whakamahi i te reo o tōna ao	L1/Int	6	L1
	91087	Pānui kia mōhio ki te reo o tōna ao	L1/Ext	6	L1
	91088	Tuhi i te reo o tōna ao	L1/Ext	6	L1
	91089	Waihanga tuhinga i te reo o tōna ao	L1/Int	6	L1

ENGLISH LANGUAGE

Level 2

Prerequisites: Between 8 and 12 credits at Level 1 English

Level 2 credits	AS	Level	Credit	Num	Lit
Course Description This is a Level 2 English course aimed at students who would benefit from a fully internally assessed course which focuses on building basic skills. Leads to Level 3 English. Qualifications: Credits towards NCEA Contact <i>Samme Hippolite</i>	91101	Produce a selection of crafted and controlled writing	L2/Int	6	UE w
	91103	Create a crafted and controlled visual and verbal text	L2/Int	3	L1
	91106	Form developed personal responses to independently read texts, supported by evidence	L2/Int	4	UE r
	91107	Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence	L2/Int	3	L1
	91104	Analyse significant connections across texts, supported by evidence	L2/Int	4	L1
	91102	Construct and deliver a crafted and controlled oral text	L2/Int	3	L1

ENGLISH LITERATURE

Level 2

Prerequisites: 12 or more credits in Level 1 English, including 3 credits in writing

Level 2 credits	AS	Level	Credit	Num	Lit
Course Description A comprehensive course of study covering a range of English skills at Level 2 with a strong emphasis on Reading and Writing. Analytical and interpretative skills are encouraged and developed. Leads to Level 3 English. Qualifications: Credits towards NCEA Contact <i>Samme Hippolite</i>	91098	Analyse specified aspect(s) of studied written text(s), supported by evidence	L2/Ext	4	UE rw
	91100	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence	L2/Ext	4	UE rw
	91101	Produce a selection of crafted and controlled writing	L2/Int	6	UE w
	91104	Analyse significant connections across texts, supported by evidence	L2/Int	4	L1
	91106	Form developed personal responses to independently read texts, supported by evidence	L2/Int	4	UE r

ENGLISH EXTENSION

Level 2

Prerequisites: Students will be invited to select this course on the basis of school exams, internal grades and teacher recommendation. Expected performance – Merit or Excellence grades in Level 1 literature, close reading and creative writing

Level 2 credits	AS	Level	Credit	Num	Lit
Course Description An advanced Level 2 English course catering for students proven to be highly proficient in a comprehensive range of language skills and willing to extend these to higher levels. Students will be expected to perform at a minimum of Merit achievement. Leads to Level 3 English and Scholarship. Qualifications: Credits towards NCEA Contact <i>Samme Hippolite</i>	91098	Analyse specified aspect(s) of studied written text(s), supported by evidence	L2/Ext	4	UE rw
	91100	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence	L2/Ext	4	UE rw
	91101	Produce a selection of crafted and controlled writing	L2/Int	6	UE w
	91104	Analyse significant connections across texts, supported by evidence	L2/Int	4	L1
	91106	Form developed personal responses to independently read texts, supported by evidence	L2/Int	4	UE r

ENGLISH COMMUNICATION LITERACY

Level 2

Level 2 credits	US	Level	Credit	Num	Lit
Course Description A selection of standards will be offered in: reading, writing, researching and analysing in order to communicate confidently and proficiently. This course does not meet U.E. literacy requirements. Qualifications: Credits towards NCEA Contact <i>Colleen Croft</i>	25073	Read texts to recognise differing points of view on a topic	L2/Int	3	
	2989	Select, read, and assess texts to gain knowledge	L2/Int	3	
	3492	Write a short report	L2/Int	3	
	8824	Research a topic using oral, visual and written sources, and evaluate the research process	L2/Int	3	

Academic Pathway ESOL

Level 2

Prerequisites: Testing and assessment on entry

Level 2 credits	US/AS	Level	Credit	Num	Lit
Course Description Students in this course will complete one unit of work per term, which will include both a core skills focus (Reading, Writing, Speaking, Listening) as well as the opportunity to complete one or more unit or achievement standards. Some assessments carry across the whole year, while others will be completed within a single unit. Qualification: Credits towards NCEA Contact <i>Emma Gillyon</i>	91106	Form developed personal responses to independently read texts, supported by evidence	L2/Int	4	UE r
	91105	Use information literacy skills to form developed conclusions	L2/Int	4	UE r
	31014	Participate in a straightforward spoken interaction on a familiar topic	L2/Int	5	
	30988	Demonstrate understanding of a straightforward spoken interaction on a familiar topic	L2/Int	5	

Practical Pathway ESOL

Level 2

Prerequisites: Testing and assessment on entry

Level 3 ESOL credits	US	Level	Credit	Num	Lit
Course Description Students in this course will complete one thematic unit per term. Each term will also include a core skill focus: Reading, Writing, Speaking or Listening. The unit standard assessed at the end of each term will be the culmination of the students' study and practical application of that particular skill during the term. Qualification: Credits towards NCEA Contact <i>Emma Gillyon</i>	31002	Read and understand a straightforward text for a routine practical purpose			
	28000	write a simple text for a practical purpose			
	28001	Complete a form			
	31020	Participate in an interview on a familiar topic			
	30980	Demonstrate understanding of a straightforward spoken text on a familiar topic			
	<i>Optional standards at this level: US 31026: Present information on a familiar topic (5) AS 91106: Form developed personal responses to independently read texts, supported by evidence (4) *Literacy- Reading AS 91105: Use information literacy to form developed conclusions (4) *Literacy- Writing</i>				

JAPANESE

Level 2

Prerequisites: A minimum of 12 credits in Level 1 Japanese

Level 2 credits	AS	Level	Credit	Num	Lit
Course Description This course takes students from the survival skills stage towards demonstrating real competence in Japanese. Language topics and skills are integrated with cultural studies and new topics include: Japanese family life; eating and drinking; the Japanese school system; leisure and recreation. Leads to Level 3 Japanese. Qualifications: Credits towards NCEA Costs \$25 Education Perfect fee Contact <i>Fiona Keyanonda</i>	91133	Demonstrate understanding of a variety of spoken Japanese texts on familiar matters	L2/Ext	5	
	91134	Interact using spoken Japanese to share information and justify ideas and opinions in different situations	L2/Int	5	
	91135	Give a spoken presentation in Japanese that communicates information, ideas and opinions	L2/Int	4	
	91136	Demonstrate understanding of a variety of written and/or visual Japanese text(s) on familiar matters	L2/Ext	5	
	91137	Write a variety of text types in Japanese to convey information, ideas and opinions in genuine contexts	L2/Int	5	

TE REO MĀORI

Level 2

Prerequisites: Level 1 Te Reo Māori

Level 2 credits	AS	Level	Credit	Num	Lit
Course Description This is a comprehensive course that develops language skills. Integrated assessment is incorporated throughout. Leads to Level 3 Te Reo Māori. Qualifications: Credits towards NCEA Contact <i>Wayne Hippolite</i>	91284	Whakarongo kia mōhio ki te reo o te ao torotoro	L2/Int	4	L1
	91285	Kōrero kia whakamahi i te reo o te ao torotoro	L2/Int	6	L1
	91286	Pānui kia mōhio ki te reo o te ao torotoro	L2/Ext	6	UE r
	91287	Tuhi i te reo o te ao torotoro	L2/Ext	6	UE w
	91288	Waihanga tuhinga auaha i te reo o te ao torotoro	L2/Int	6	UE w

ENGLISH LANGUAGE

Level 3

Prerequisites: Minimum 9 Level 2 English credits Only exceptions dependent on an interview with the HOD

Level 3 credits	AS	Level	Credit	Num	Lit
Course Description This is a guided senior English course. This course develops skills in using language and covers a range of texts. All assessments are internally assessed. Qualifications: Credits towards NCEA Contact <i>Catherine Elliot</i>	91475	Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas	L3/Int	6	UE w
	91476	Create and deliver a fluent and coherent oral text which develops, sustains and structures ideas	L3/Int	4	L1
	91478	Respond critically to significant connections across texts, supported by evidence	L3/Int	3	L1
	91480	Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence	L3/Int	3	L1

ENGLISH LITERATURE

Level 3

Prerequisites: Minimum 12 Level 2 English credits including 91100. Only exceptions dependent on an interview with the HOD

Level 3 credits	AS	Level	Credit	Num	Lit
Course Description This is an academic senior English course for independent learners. This course demands a high level of understanding of language and style, and focuses on the study of literature from established works. Qualifications: Credits towards NCEA and University Entrance Contact <i>Catherine Elliot</i>	91473	Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence	L3/Ext	4	UE w
	91474	Respond critically to significant aspects of unfamiliar written texts through close reading, supported by evidence	L3/Int	6	UE w
	91475	Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas	L3/Int	3	L1
	91480	Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence	L3/Int	3	L1
	91476	Create and deliver a fluent and coherent oral text which develops, sustains, and structures ideas	L3/Int	4	UE r
	91479	Develop an informed understanding of literature and/or language using critical texts			

Academic Pathway ESOL

Level 3

Prerequisites: Testing and assessment on entry

Level 2, 3 and 4 credits	AS	Level	Credit	Num	Lit
Course Description Students in this course will complete one unit of work per term, which will include both a core skills focus (Reading, Writing, Speaking, Listening) as well as the opportunity to complete one or more unit or achievement standards. Some assessments carry across the whole year, while others will be completed within a single unit. Qualifications: Credits towards NCEA Contact <i>Emma Gillyon</i>	22751	Read and process information in English for an academic purpose	L4/Int	5	UE r
	91101	Produce a selection of crafted and controlled writing	L2/Int	6	L1
	31027	Deliver a developed presentation on a familiar topic	L2/Int	5	UE w
	30990	Demonstrate understanding of a spoken interaction in a familiar context	L3/Int	5	L1

Practical Pathway ESOL

Level 3

Prerequisites: Testing and assessment on entry

Level 2, 3 and 4 credits	US	Level	Credit	Num	Lit
Course Description Students in this course will complete one thematic unit per term. Each term will also include a core skill focus: Reading, Writing, Speaking or Listening. The unit standard assessed at the end of each term will be the culmination of the students' study and practical application of that particular skill during the term. Qualifications: Credits towards NCEA Contact <i>Emma Gillyon</i>	30997	Read and understand a text on a familiar topic			
	31044	Write a text for a practical purpose in an applied context			
	28062	Participate in a formal interview			
	30982	Demonstrate understanding of a spoken text on a familiar topic			
	<i>Optional standards at this level: US 31008: Read and understand a range of written texts independently (5) US 31016: Participate in a spoken interaction on a familiar topic (5) US 22749: Write a text under test conditions for an academic purpose (5) *Literacy- Writing AS91480: Respond critically to significant aspects of visual and/or oral texts through close reading, supported by evidence (3) *Literacy- Writing AS 91474: Respond critically to significant aspects</i>				

JAPANESE

Level 3

Prerequisites: A minimum 12 credits in Level 2 Japanese

Level 3 credits	AS	Level	Credit	Num	Lit
Course Description Students will build competence in social settings by using language patterns to develop and support their point of view. Reading and writing skills will be further developed with Kanji and grammar structures used in realistic settings. Topics include: land and people; travel and tourism; Japan at work. Qualifications: Credits towards NCEA and University Entrance Cost \$25 Education Perfect fee Contact <i>Fiona Keyanonda</i>	91553	Demonstrate understanding of a variety of extended spoken Japanese texts	L3/Ext	5	
	91554	Give a clear spoken presentation in Japanese that communicates a critical response to stimulus material	L3/Int	3	
	91555	Interact clearly using spoken Japanese to explore and justify varied ideas and perspectives in different situations	L3/Int	6	
	91556	Demonstrate understanding of a variety of extended written and/or visual Japanese texts	L3/Ext	5	
	91557	Write a variety of text types in clear Japanese to explore justify varied ideas and perspectives	L3/Int	5	

TE REO MĀORI

Level 3

Prerequisites: Minimum 12 Level 2 credits in Te Reo Māori

Level 3 credits	AS	Level	Credit	Num	Lit
Course Description This is a comprehensive course that develops language skills covered in intermediate Māori. This course is for students who wish to extend their practical knowledge of Māori language. Qualifications: Credits towards NCEA and University Entrance Contact <i>Wayne Hippolite</i>	91650	Whakarongo kia mōhio ki te reo Māori o te ao whānui	L3/Int	4	L1
	91651	Kōrero kia whakamahi i te reoMāori o te ao whānui	L3/Int	6	L1
	91652	Pānui kia mōhio ki te reo Māori o te ao whānui	L3/Ext	6	UE r
	91653	Tuhi i te reo Māori o te ao whānui	L3/Ext	6	UE w
	91654	Waihanga tuhinga whai take i te reo Māori o te ao whānui	L3/Int	6	UE w

MATHEMATICS

All Year 11 students are required to study Mathematics and will be placed in one of the following courses: Mathematics with Algebra or Mathematics. Students will be selected on their Year 10 results and teacher recommendation.

MATHEMATICS with ALGEBRA

Level 1		Prerequisites: working at Level 5 or above of the NZ curriculum in Mathematics			
Level 1 credits	AS	Level	Credit	Num	Lit
Course Description This course is for able mathematicians who have shown a proven ability. Leads to Level 2 Mathematics with Algebra. Qualifications: Credits towards NCEA Contact <i>Phil Costley</i>	91027	Apply algebraic procedures in solving problems	L1/Int	4	L1
	91028	Investigate relationships between tables, equations and graphs	L1/Ext	4	L1
	91031	Apply geometric reasoning in solving problems	L1/Ext	4	L1
	91032	Apply right-angled triangles in solving measurement problems	L1/Int	3	L1
	91037	Demonstrate understanding of chance and data	L1/Ext	4	L1

MATHEMATICS

(This is the first year of a two year course)

Level 1		Prerequisites: working at Levels 4-5 of the NZ Curriculum in Mathematics			
Level 1 Credits	AS	Level	Credit	Num	Lit
Course Description This is a middle level academic course. Leads to Level 2 Mathematics. Qualifications: Credits towards NCEA Contact <i>Gail Samson</i>	91026	Apply numeric reasoning in solving problems	L1/Int	4	L1
	91030	Apply measurement in solving problems	L1/Int	3	L1
	91032	Apply right angled triangles in solving measurement problems	L1/Int	3	L1
	91033	Apply knowledge of geometric representations in solving problems	L1/Int	3	L1
	91036	Investigate Bivariate Data using the Statistical Inquiry Cycle	L1/Int	4	L1

MATHEMATICS with ALGEBRA

Level 2		Prerequisites: 16 credits in Level 1 Maths including 91027 and 91028, preferably with Merit				
Level 2 Credits	AS	Level	Credit	Num	Lit	
Course Description This course is for able mathematicians. It develops algebraic skills, introduces calculus and extends the knowledge and understanding of probability concepts. Leads to Level 3 Calculus and/or Statistics. Qualifications: Credits towards NCEA Contact <i>Stuart McLean</i>	91257	Apply graphical methods in solving problems	L2/Int	4	L1	
	91261	Apply algebraic methods in solving problems	L2/Ext	4	L1	
	91262	Apply calculus methods in solving problems	L2/Ext	5	L1	
	91267	Apply probability methods in solving problems	L2/Ext	4	L1	L1
	91269	Apply systems of equations in solving problems	L2/Int	2	L1	

MATHEMATICS

(This is the second year of a two year course)

Level 2		Prerequisites: 10 credits in Level 1 Maths Achievement Standards			
Level 2 Credits	AS	Level	Credit	Num	Lit
Course Description This course covers the application of mathematical concepts learned in previous years. For many it will be a terminating course. However, students who do well may be able to take Level 3 Mathematics with the approval of the Head of Mathematics. Qualifications: Credits towards NCEA Contact <i>Luke Toynbee</i>	91259	Apply trigonometric relationships in solving problems	L2/Int	3	L1
	91256	Apply co-ordinate geometry	L2/Int	2	L1
	91258	Apply sequences and series in solving problems	L2/Int	2	L1
	91260	Apply network methods in solving problems	L2/Int	2	L1

MATHEMATICS with CALCULUS

Level 3

Prerequisites: 15 credits in Level 2 Maths, including 91261, 91257 and 91262. Merit in these standards is essential. Restriction: Students may not take Level 3 Mathematics

Level 3 Credits	AS	Level	Credit	Num	Lit
Course Description This course is for students who enjoy maths and are able to work at an advanced level. It involves formulating and solving problems using symbolic language and the use of logic and reasoning in mathematical argument. It covers algebra, calculus and trigonometry. Qualifications: Credits towards NCEA and University Entrance Contact <i>John Francis</i>	91575	Apply trigonometric methods in solving problems	L3/Int	4	L1
	91577	Apply the algebra of complex numbers in solving problems	L3/Ext	5	L1
	91578	Apply differentiation methods in solving problems	L3/Ext	6	L1
	91579	Apply integration methods in solving problems	L3/Ext	6	L1
	Note: Combining Calculus and Statistics & Modelling may qualify for 3 UE Subjects. (Calculus, Statistics & Mathematics)				

MATHEMATICS with STATISTICS

Level 3

Prerequisites: 12 credits at Level 2, including 91267. Merit in several achievement standards is desirable.

Restriction: Students may not take Level 3 Mathematics

Level 3 Credits	AS	Level	Credit	Num	Lit	
Course Description This course covers topics in statistics, probability, applications of mathematical models and algebra. Qualifications: Credits towards NCEA and University Entrance Note: Combining Calculus and Statistics & Modelling may qualify for 3 UE Subjects. (Calculus, Statistics & Mathematics) Contact <i>Kieron Lattimer</i>	91574	Apply linear programming methods in solving problems	L3/Int	3	L1	
	91587	Apply systems of simultaneous equations in solving problems	L3/Int	2	L1	
	91583	Conduct an experiment to investigate a situation using experimental design principles	L3/Int	4	L1	L1
	91584	Evaluate statistically based reports	L3/Ext	4	L1	UE w
	91585	Apply probability concepts in solving problems	L3/Ext	4	L1	
	91586	Apply probability distributions in solving problems	L3/Ext	4	L1	

MATHEMATICS

Level 3

Prerequisites: Minimum 16 credits in Level 1 Maths or higher including 91029.

Restriction: Entry is by consultation with HOD Maths only

Level 3 Credits	AS	Level	Credit	Num	Lit	
Course Description This is a modified mathematics course covering Level 3 standards. Qualifications: Credits towards NCEA and University Entrance Contact <i>Alex Crisp</i>	91587	Apply systems of simultaneous equations in solving problems	L3/Int	3	L1	
	91574	Apply linear programming methods in solving problems	L3/Int	3	L1	
	91576	Use critical path analysis in solving problems	L3/Int	2	L1	
	91580	Investigate times series data	L3/Int	4	L1	L1
	91581	Investigate bivariate measurement data	L3/Int	4	L1	L1

SCIENCE

All Year 11 students are required to study Science and will be placed in one of the following courses: Science and Life Skills, Science or Cambridge Science. Students will be selected on their Year 10 results and teacher recommendation.

SCIENCE AND LIFE SKILLS

Level 1

Prerequisites: Acceptance at the discretion of HOF Science, HOD Careers, & Dean

Level 1 credits	AS/US	Level	Credit	Num	Lit
Course Description This course is an opportunity to gain numeracy and life skills credits through practical and hands on investigations in the areas of Science, Finance, and Health and Well-being. This is a discovery-based and practical programme which encourages learning within a variety of authentic educational and community contexts. Qualifications: Credits towards NCEA Contact: Jennifer Arai	90918	Carry out a practical agricultural or horticultural investigation	L1/Int	4	L1
	91034	Apply transformation geometry in solving problem	L1/Int	2	L1
	90943	Investigate implications of heat in everyday life	L1/Int	4	L1
	24709	Produce a balanced budget to manage personal finances	L1/Int	3	
	29300	Maintain hauora-personal health and well-being	L1/Int	4	

SCIENCE

Level 1

Level 1 Credits	AS	Level	Credit	Num	Lit	
Course Description This science course is a pathway for students who want to study any combination of science subjects at Level 2 and beyond. The course includes aspects of Biology, Chemistry, Physics and Geology while covering a broad range of scientific skills and knowledge. Leads to Level 2 Sciences. Qualifications: Credits towards NCEA Contact: <i>Johnnie Fraser</i>	90940	Demonstrate understanding of aspects of mechanics	L1/Ext	4	L1	
	90944	Demonstrate understanding of aspects of acids and bases	L1/Ext	4		
	90948	Demonstrate understanding of biological ideas relating to genetic variation	L1/Ext	4		L1
	90935	Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction	L1/Int	4	L1	
	90930	Carry out a practical chemistry investigation, with direction	L1/Int	4		

SCIENCE EXTENSION OPTION

Level 1

Co-requisite: Cambridge students cannot select this option

Level 1 Credits	AS	Level	Credit	Num	Lit
Course Description This course is an option that is taken in conjunction with the General Science course. It is designed to broaden students learning in science. It incorporates elements of physics, biology, chemistry and astronomy along with investigating elements of the nature of science. A comprehensive pathway to the senior sciences. Leads to Level 2 Sciences. Qualifications: Credits towards NCEA Contact: <i>Johnnie Fraser</i>	90926	Report on a biological issue	L1/Int	3	L1
	90937	Demonstrate understanding of aspects of electricity and magnetism	L1/Ext	4	L1
	90934	Demonstrate understanding of aspects of chemical reactions	L1/Ext	4	
	90954	Demonstrate understanding of the effects of astronomical cycles on planet Earth	L1/Int	4	L1
	90929	Demonstrate understanding of biological ideas relating to a mammal(s) as a consumer(s)	L1/Ext	3	L1

CAMBRIDGE SCIENCE

Prerequisites: Year 10 Cambridge Science course

Course Description

A double award, earning two grades, IGCSE Co-ordinated Sciences gives students the opportunity to study biology, chemistry and physics within a cross-referenced, scientifically coherent syllabus. Students learn about the basic principles of each subject through a mix of theoretical and practical studies, whilst also developing an understanding of the scientific skills essential for further study. Students learn how science is studied and practised, and become aware that the results of scientific research can have both good and bad effects on individuals, communities and the environment.

Contact *Johnnie Fraser*

BIOLOGY

Level 2

Prerequisites: 12 Level 1 Science credits

Level 2 Credits	AS	Level	Credit	Num	Lit
Course Description This course encourages students to explore the natural world. Topics include: <ul style="list-style-type: none"> the structure and function of cells the mechanisms behind genetic variation evolution and the relationship between structure and function in animals. Leads to Level 3 Biology. Qualifications: Credits towards NCEA Contact: <i>Johnnie Fraser</i>	91155	Demonstrate understanding of adaption of plants or animals to their way of life	L2/Int	3	L1
	91156	Demonstrate understanding of life processes at the cellular level	L2/Ext	4	L1
	91157	Demonstrate understanding of genetic variation and change	L2/Ext	4	L1
	91159	Demonstrate understanding of gene expression	L2/Ext	4	L1
	91153	Carry out a practical investigation in a biological context, with supervision	L2/Int	4	L1

CHEMISTRY

Level 2

Prerequisites: Minimum of 16 credits in any Level 1 Science subject

Level 2 Credits	AS	Level	Credit	Num	Lit
Course Description This course includes practical laboratory work and experimentation. Students will gain fundamental knowledge of chemical vocabulary and measurement; types of particles; the bonds between particles; energy change and Organic chemistry. * Standards may vary due to expiring standards. Leads to Level 3 Chemistry. Qualifications: Credits towards NCEA Contact: <i>Tristan Riley</i>	91161	Carry out quantitative analysis	L2/Int	4	L1
	91162	Carry out procedures to identify ions present in solution	L2/Int	3	
	91164	Demonstrate understanding of bonding, structure, properties and energy changes	L2/Ext	5	L1
	91165	Demonstrate understanding of the properties of selected organic compounds	L2/Ext	4	L1
	91166	Demonstrate understanding of chemical reactivity	L2/Ext	4	L1

EARTH AND SPACE SCIENCE

Level 2

Prerequisites: 12 credits from NCEA Level 1 Science, Physics or Biology. Students not meeting this requirement may be admitted at the discretion of the HOD

Level 2 Credits	AS	Level	Credit	Num	Lit
Course Description This course covers aspects of Astronomy, Marine Science and Earth Science. Qualifications: Credits towards NCEA Contact: <i>Johnnie Fraser</i>	91187	Carry out a practical Earth and Space Science investigation	L2/Int	4	L1 L1
	91188	Examine an Earth and Space Science issue and the validity of the information communicated to the public	L2/Int	4	L1
	91190	Investigate how organisms survive in an extreme environment	L2/Int	4	L1
	91191	Demonstrate understanding of the causes of extreme Earth events in New Zealand	L2/Ext	4	L1
	91192	Demonstrate understanding of stars and planetary systems	L2/Ext	4	L1

PHYSICS

Level 2

Prerequisites: Minimum of 12 credits in any Level 1 Science subject, which must include Science 90940. Mathematics 91029 or equivalent is advisable

Level 2 Credits	AS	Level	Credit	Num	Lit
Course Description This is a challenging but exciting course covering electricity, magnetism, radioactivity, light, sound and motion. Leads to Level 3 Physics. Qualifications: Credits towards NCEA Contact: <i>Chris Allen</i>	91168	Carry out a practical physics investigation that leads to a non-linear mathematical relationship	L2/Int	4	L1 L1
	91170	Demonstrate understanding of waves	L2/Ext	4	L1 L1
	91171	Demonstrate understanding of mechanics	L2/Ext	6	L1 L1
	91172	Demonstrate understanding of atomic and nuclear physics	L2/Int	3	L1
	91173	Demonstrate understanding of electricity and electromagnetism	L2/Ext	6	L1 L1

BIOLOGY

Level 3

Prerequisites: Minimum 12 Level 2 credits in Biology

Level 3 Credits	AS	Level	Credit	Num	Lit	
Course Description This is an academic senior biology course focusing on:	91601	Carry out a practical investigation in a biological context, with guidance	L3/Int	4	L1	L1
• human physiology	91603	Demonstrate understanding of the responses of plants and animals to their external environment	L3/Ext	5		UE rw
• genetics and evolution	91604	Demonstrate understanding of how an animal maintains a stable internal environment	L3/Int	3		UE r
• how plants and animals respond to their environments	91605	Demonstrate understanding of evolutionary processes leading to speciation	L3/Ext	4		UE rw
• practical investigations into animal behaviour	91606	Demonstrate understanding of trends in human evolution	L3/Ext	4		UE rw
• human evolution						
Qualifications: Credits towards NCEA and University Entrance						
Contact: Johnnie Fraser						

CHEMISTRY

Level 3

Prerequisites: Minimum 12 Level 2 credits in Chemistry or HOD approval

Level 3 Credits	AS	Level	Credit	Num	Lit	
Course Description Students will study the structure of atoms and molecules and how they interact including:	91388	Demonstrate understanding of spectroscopic data in chemistry	L3/Int	3		
Particles and the forces between them;	91390	Demonstrate understanding of thermochemical principles and the properties of particles and substances	L3/Ext	5		L1
Thermochemical calculations, enthalpy and entropy; Dissolving and equilibrium; Oxidation and reduction in cells, batteries and electrolysis; Organic chemistry and spectroscopic techniques.	91391	Demonstrate understanding of the properties of organic compounds	L3/Ext	5		L1
* Standards may vary due to expiring standards.	91392	Demonstrate understanding of equilibrium principles in aqueous systems	L3/Ext	5	L1	L1
Qualifications: Credits towards NCEA and University Entrance	91393	Demonstrate understanding of oxidation-reduction processes	L3/Int	3		L1
Contact: Tristan Riley						

EARTH AND SPACE SCIENCE

Level 3

Prerequisites: 12 credits from any Year 12 Science subject or Year 12 Geography or at the discretion of the HOD

Level 3 Credits	AS	Level	Credit	Num	Lit	
Course Description This course covers aspects of Astronomy, Marine Science and Earth Science.	91410	Carry out an independent practical Earth and Space Science investigation	L3/Int	4	L1	UE rw
*Five of the listed standards will be offered.	91411	Investigate a socio-scientific issue in an Earth and Space Science context	L3/Int	4		UE rw
Qualifications: Credits towards NCEA and University Entrance	91412	Investigate the evidence related to dating geological event(s)	L3/Int	4		L1
Contact: Johnnie Fraser	91413	Demonstrate understanding of processes in the ocean system	L3/Ext	4		UE rw
	91414	Demonstrate understanding of processes in the atmosphere system	L3/Ext	4		UE rw
	91415	Investigate an aspect of astronomy	L3/Int	4		UE r

PHYSICS

Level 3

Prerequisites: Minimum 12 Level 2 credits in Physics

Level 3 Credits	AS	Level	Credit	Num	Lit	
Course Description Students will study the observation and explanation of events of electricity, magnetism, light, sound, motion and atomic structure.	91523	Demonstrate understanding of wave systems	L3/Ext	4		L1
Qualifications: Credits towards NCEA and University Entrance	91524	Demonstrate understanding of mechanical systems	L3/Ext	6		L1
Contact: Chris Allen	91525	Demonstrate understanding of Modern Physics	L3/Int	3		L1
	91526	Demonstrate understanding of electrical systems	L3/Ext	6		L1
	91521	Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship	L3/Int	4		L1

SOCIAL SCIENCES

ACCOUNTING

Level 1

Level 1 credits	AS		Level	Credit	Num	Lit
Course Description This course provides an introduction to accounting principles and processes for individuals, families, community organisations and business. It will give students a basic understanding of accounting and its use. Leads to Level 2 Accounting. Qualifications: Credits towards NCEA Contact <i>Simon Mardon</i>	90977	Process financial transactions for a small entity	L1/Int	5		
	90978	Prepare financial statements for sole proprietors	L1/Ext	5		
	90979	Prepare financial information for a community organisation's annual general meeting	L1/Int	4		L1
	90980	Interpret accounting information for sole proprietors	L1/Ext	4		L1
	90982	Demonstrate an understanding of cash management for a small entity	L1/Int	4		L1

CLASSICS

Level 1

Level 1 credits	AS		Level	Credit	Num	Lit
Course Description This course provides an introduction to Greek and Roman civilisation, linked to today including: Greek mythology; How gladiators fought for their public; How the Colosseum was a purpose built public arena for reality sport; How Julius Caesar overcame entitled conservative elites, and shaped Roman politics; How the Film 'Troy' relates to the original Trojan War story. Qualifications: Credits towards NCEA Leads to Level 2 Classics. Contact <i>Stuart Roxburgh</i>	91022	Demonstrate understanding of the significance of features of work(s) of art in the classical world	L1/Ext	4		L1
	91023	Demonstrate understanding of an important historical figure in the classical world	L1/Ext	4		L1
	91024	Demonstrate understanding of social relationships in the classical world	L1/Int	6		L1
	91025	Demonstrate understanding of links between aspects of the classical world and another culture	L1/Int	6		L1

ECONOMICS

Level 1

Level 1 credits	AS		Level	Credit	Num	Lit
Course Description This course looks at consumers and producers and their contribution to the economy. It also covers producer decisions, their interactions with consumers and the market. Leads to Level 2 Economics. Qualifications: Credits towards NCEA Contact <i>Nich Withers</i>	90984	Demonstrate understanding of decisions a producer makes about production	L1/Int	5		L1
	90985	Demonstrate understanding of producer choices using supply	L1/Ext	3		L1
	90986	Demonstrate understanding of how consumer, producer and/or government choices affect society, using market equilibrium	L1/Ext	5		L1
	90987	Demonstrate understanding of a government choice where affected groups have different viewpoints	L1/Int	4		L1
	90988	Demonstrate understanding of the interdependence of sectors of the New Zealand economy	L1/Int	3		L1

GEOGRAPHY

Level 1

Level 1 credits	AS		Level	Credit	Num	Lit
Course Description This is an introduction to Geography. Students will learn how the world's natural and cultural environments interact. Topics may include: field research in the Abel Tasman National Park; population studies - processes, patterns and trends; sustainable resource use in forestry; 1080 use in New Zealand; extreme natural events such as earthquakes; geographic skills; spatial analysis using GIS. Leads to Level 2 Geography. Qualifications: Credits towards NCEA Cost: \$100 for fieldtrips (approximately) Contact <i>Dave Purdie</i>	91007	Demonstrate geographic understanding of environments that have been shaped by extreme natural events	L1/Ext	4		L1
	91009	Demonstrate geographic understanding of the sustainable use of an environment	L1/Int	3		L1
	91010	Apply concepts and basic geographic skills to demonstrate understanding of a given environment	L1/Ext	4		L1
	91011	Conduct geographic research, with direction	L1/Int	4		L1
	91012	Describe aspects of a contemporary New Zealand geographic issue	L1/Int	3		L1
	91013	Describe aspects of a geographic topic at a global scale	L1/Int	3		L1

HISTORY

Level 1

Level 1 credits	AS	Level	Credit	Num	Lit
Course Description This course covers major historical events related to the theme of resistance. After an introductory subject decided on by the class, topics may include: American and French Revolutions; Israel and Palestine; The World at War; Resistance in New Zealand. Students will learn research methods and investigate different perspectives. Leads to Level 2 History. Qualifications: Credits towards NCEA Contact <i>Dave van der Velden</i>	91001	Carry out an investigation of an historical event, or place, of significance to New Zealanders	L1/Int	4	L1
	91002	Demonstrate understanding of an historical event, or place, of significance to New Zealanders	L1/Int	4	L1
	91004	Demonstrate understanding of different perspectives of people in an historical event	L1/Int	4	L1
	91005	Describe the causes and consequences of an historical event	L1/Ext	4	L1
	91006	Describe how a significant historical event affected New Zealand society	L1/Ext	4	L1

MEDIA STUDIES

Level 1

Level 1 credits	AS	Level	Credit	Num	Lit
Course Description This course offers an introduction to all aspects of the study of the media in New Zealand and overseas. Combining close reading and analysis of media texts and study of the media landscape with hands on media production (Music video) it will offer an insight into the fast changing world of modern media. Qualifications: Credits towards NCEA Contact <i>Christina Naughton</i>	90990	Demonstrate understanding of selected elements of media text(s)	L1/Int	3	L1
	90992	Demonstrate understanding of characteristics of a media genre	L1/Ext	4	L1
	90993	Produce a design and plan for a media product using a specified range of conventions	L1/Int	3	
	90994	Complete a media product from a design and plan using a specified range of conventions	L1/Int	6	

ACCOUNTING

Level 2

Prerequisites: Minimum of 12 NCEA credits in Level 1 Accounting, or HOD approval

Level 2 credits	AS	Level	Credit	Num	Lit	
Course Description This course looks at accounting systems, principles and processes for business organisations, both in theory and through the practical application of MYOB accounting software. Leads to Level 3 Accounting. Qualifications: Credits towards NCEA Contact <i>Simon Mardon</i>	91175	Demonstrate understanding of accounting processing using accounting software	L2/Int	4	L1	
	91176	Prepare financial information for an entity that operates accounting subsystems	L2/Ext	5	L1	
	91177	Interpret accounting information for entities that operate accounting subsystems	L2/Ext	4	L1	L1
	91179	Demonstrate understanding of an accounts receivable subsystem for an entity	L2/Int	3	L1	L1
	91386	Demonstrate understanding of an inventory subsystem for an entity	L2/Int	3	L1	L1
	91481	Demonstrate understanding of a contemporary accounting issue for decision-making	L2/Int	4		L1

BUSINESS

Level 2

Level 2 credits	AS	Level	Credit	Num	Lit	
Course Description This course aims to give students theoretical and practical skills in setting up and running a small business. Students are expected to participate in running a business through the Young Enterprise Scheme (YES). Topics include: running a business; marketing; motivation; external influences on a business; strategic planning. Leads to Level 3 Business Studies. Qualifications: Credits towards NCEA Cost: \$35 for YES Registration. Contact <i>Jarrold Aberhart</i>	90844	Demonstrate understanding of how a large business responds to external factors	L2/Ext	4	L1	
	90846	Conduct market research for a new or existing product	L2/Int	3	L1	L1
	90847	Investigate the application of motivation theory in a business	L2/Int	3		L1
	90848	Carry out, review and refine a business activity within a community context and with guidance	L2/Int	9		L1

CLASSICS

Level 2

Level 2 credits	AS	Level	Credit	Num	Lit
Course Description	91200	Examine ideas and values of the classical world	L2/Ext	4	UE rw
This is an intermediate study of Greek and Roman civilisation linked to today including: The battle of Leonidas and 300 - why is it still immortalised? The original Odysseus as a hero and Joseph Campbell's 'Hero's Journey'; The contrast of modern and ancient hero-making; How what looks like a building - The Parthenon - is a symbol of Athens' supreme imperial domination in Iron Age Greece. Leads to Level 3 Classics. Qualifications: Credits towards NCEA Contact <i>Stuart Roxburgh</i>	91201	Examine the significance of features of work(s) of art in the classical world	L2/Ext	4	UE rw
	91202	Demonstrate understanding of a significant event in the classical world	L2/Int	4	UE r
	91204	Demonstrate understanding of the relationship between aspects of the classical world and aspects of other cultures	L2/Int	6	UE r

ECONOMICS

Level 2

Prerequisites: NCEA Level 1

Level 2 credits	AS	Level	Credit	Num	Lit
Course Description	91222	Analyse inflation using economic concepts and models	L2/Ext	4	UE w
This course focuses on employment, trade, growth, inflation and inequality through the discussion of local and world-wide economic issues. Leads to Level 3 Economics. Qualifications: Credits towards NCEA Contact <i>Nich Withers</i>	91223	Analyse international trade using economic concepts and models	L2/Ext	4	UE w
	91225	Analyse unemployment using economic concepts and models	L2/Int	4	L1
	91226	Analysis statistical data relating to two contemporary economic issues	L2/Int	4	L1
	91228	Analyse a contemporary economic issue of special interest using economic concepts and models	L2/Int	4	UE r

GEOGRAPHY

Level 2

Level 2 credits	AS	Level	Credit	Num	Lit
Course Description	91240	Demonstrate geographic understanding of a large natural environment	L2/Ext	4	UE rw
Students will explore real and relevant contemporary contexts, undertake field work and relate it to the geographic processes and patterns that shape our world. Topics may include: natural landscapes; environmental monitoring; resource management; urban patterns; global issues; geographic skills; spatial analysis using GIS. This course will include a significant, multi-day field trip relating to at least two of these topics. Leads to Level 3 Geography. Qualifications: Credits towards NCEA Cost: \$200 for fieldtrips (approximately) Contact <i>Dave Purdie</i>	91241	Demonstrate geographic understanding of an urban pattern	L2/Int	3	L1
	91243	Apply geography concepts and skills to demonstrate understanding of a given environment	L2/Ext	4	L1
	91244	Conduct geographic research with guidance	L2/Int	5	L1
	91246	Explain aspects of a geographic topic at a global scale	L2/Int	3	L1

HISTORY

Level 2

Level 2 credits	AS	Level	Credit	Num	Lit
Course Description	91229	Carry out an inquiry of an historical event or place that is of significance to New Zealanders	L2/Int	4	UE r
This course covers historical forces and ideologies which helped shape the modern world. The focus is on the conflict between East and West. Topics may include: The Bombing of Hiroshima, The Crusades, and The Vietnam War. Students will examine the significance of events and different perspectives. Leads to Level 3 History. Qualifications: Credits towards NCEA Contact <i>Dave van der Velden</i>	91230	Examine an historical event or place that is of significance to New Zealanders	L2/Int	5	UE r
	91232	Interpret different perspectives of people in an historical event	L2/Int	5	UE r
	91233	Examine causes and consequences of a significant historical event	L2/Ext	5	UE rw
	91234	Examine how a significant historical event affected New Zealand society	L2/Ext	5	UE rw

MEDIA STUDIES

Level 2

Level 2 credits	AS		Level	Credit	Num	Lit
Course Description This course will combine close reading and extensive study of a range of media texts with the opportunity to put that study into practice with hands-on experience. Students will gain valuable knowledge of one of the fastest growing industries in New Zealand. Qualifications: Credits towards NCEA Contact <i>Christina Naughton</i>	91249	Demonstrate understanding of narrative in media texts	L2/Int	4		L1
	91251	Demonstrate understanding of an aspect of a media genre	L2/Ext	4		UE rw
	91253	Complete a developed media product from a design and plan using a range of conventions	L2/Int	6		L1
	91255	Write developed media text for a specific target audience	L2/Int	3		UE w

TOURISM

Level 2

Level 2 credits	US		Level	Credit	Num	Lit
Course Description This course provides students with a broad introduction to tourism, one of New Zealand's biggest employers and export industries. Students will understand how tourism should be managed by discovering why tourists travel, where they travel and what they do when they travel. This may include: an introduction to careers within the tourism industry; how to provide customer service; guest speakers; field trips to experience what it is like to be a tourist; visits to accommodation providers. Leads to Level 3 Tourism. Qualifications: Credits towards NCEA Cost: \$30 for optional field trips (approximately) Contact <i>Dave Purdie</i>	24728	Demonstrate knowledge of the work roles in tourism	L2/Int	3		
	24732	Demonstrate knowledge of tourist characteristics and needs	L2/Int	3		
	24730	Demonstrate knowledge of the business of tourism	L2/Int	4		
	24726	Describe and compare social and cultural impacts of tourism	L2/Int	3		
	24727	Describe and compare impacts of tourism on the physical environment	L2/Int	4		
	24729	Demonstrate knowledge of world tourist destinations	L2/Int	4		
	24731	Demonstrate knowledge of destination New Zealand	L2/Int	4		
	57	Provide customer service	L2/Int	2		

ACCOUNTING

Level 3

Prerequisites: 12 Level 2 Accounting credits or at the discretion of the HOD

Level 3 credits	AS		Level	Credit	Num	Lit
Course Description This course covers both financial and management accounting. The emphasis is on companies and partnerships. Qualifications: Credits towards NCEA and University Entrance Contact <i>Simon Mardon</i>	91407	Prepare a report for an external user that interprets the annual report of a New Zealand reporting entity	L3/Int	5		UE rw
	91405	Demonstrate understanding of accounting for partnerships	L3/Int	4	L1	
	91406	Demonstrate understanding of company financial statement preparation	L3/Ext	5	L1	
	91408	Demonstrate understanding of management accounting to inform decision-making	L3/Ext	4	L1	L1
	91409	Demonstrate understanding of a job cost subsystem for an entity	L3/Int	4	L1	L1

BUSINESS

Level 3

Prerequisites: Level 2 Business Studies, or at discretion of HOD

Level 3 credits	AS		Level	Credit	Num	Lit
Course Description This course develops students' theoretical and practical skills in setting up and running a small business through the Young Enterprise Scheme (YES). Topics include: running a business; marketing; global influences on business; external factors; human resource issues; strategic planning. Qualifications: Credits towards NCEA and University Entrance Cost: \$35 for YES Registration. Contact <i>Jarrold Aberhart</i>	91382	Develop a marketing plan for a new or existing product	L3/Int	6		UE r
	91383	Analyse a human resource issue affecting businesses	L3/Int	3		UE r
	91384	Carry out, with consultation, an innovative and sustainable business activity	L3/Int	9		UE r
	91380	Demonstrate understanding of strategic response to external factors by a business that operates in a global context	L3/Ext	4		UE rw

CLASSICS

Level 3

Level 3 credits	AS	Level	Credit	Num	Lit
Course description Advanced study of Greece and Rome, linked to today, including: The huge struggle to switch from Republic to Emperor Augustus; Public propaganda by Augustus and subsequent emperors; Greek philosophy of science, politics and ethics; Comedy through millennia. Qualifications: Credits towards NCEA and University Entrance Contact <i>Stuart Roxburgh</i>	91395	Analyse the significance of a work(s) of art in the classical world	L3/Ext	4	UE rw
	91396	Analyse the impact of a significant historical figure on the classical world	L3/Ext	6	UE rw
	91397	Demonstrate understanding of significant ideology(ies) in the classical world	L3/Int	6	UE r
	91398	Demonstrate understanding of the lasting influences of the classical world on other cultures across time	L3/Int	6	UE r

ECONOMICS

Level 3

Prerequisites: Students who have not studied Economics at Years 11 or 12 may study this subject at this level at the discretion of the HOD

Level 3 credits	AS	Level	Credit	Num	Lit
Course Description This course provides an analytical study of the market and the public sector as well as an understanding of overall resource allocation in the economy. Qualifications: Credits towards NCEA and University Entrance. Contact <i>Nich Withers</i>	91399	Demonstrate understanding of the efficiency of market equilibrium	L3/Ext	4	UE rw
	91401	Demonstrate understanding of micro-economic concepts	L3/Int	5	UE r
	91402	Demonstrate understanding of government interventions to correct market failures	L3/Int	5	UE r
	91403	Demonstrate understanding of macro-economic influences on the New Zealand economy	L3/Ext	6	UE rw

GEOGRAPHY

Level 3

Level 3 credits	AS	Level	Credit	Num	Lit	
Course Description Students will study the complex nature of present environmental challenges and possible solutions. These may include: the effects of human activities on different environments; cultural processes: tourism; natural processes within a coastal environment with field research; global issues such as human trafficking and conflict diamonds; geographic skills; spatial analysis using GIS. Qualifications: Credits towards NCEA and University Entrance Cost: \$200 for fieldtrips (approximately) Contact <i>Dave Purdie</i>	91426	Demonstrate understanding of how interacting natural processes shape a New Zealand geographic environment	L3/Ext	4	UE rw	
	91429	Demonstrate understanding of a given environment(s) through selection and application of geographic concepts and skills	L3/Ext	4	UE rw	
	91430	Conduct geographic research with consultation	L3/Int	5	L1	L1
	91431	Analyse aspects of a contemporary geographic issue	L3/Int	3		UE r
	91432	Analyse aspects of a geographic topic at a global scale	L3/Int	3		L1

HISTORY

Level 3

Level 3 credits	AS	Level	Credit	Num	Lit
Course Description This course will consider the impact of empire and colonialism globally and in a range of possible contexts from India, Australia, South Africa, China, New Zealand and others. Students will research and analyse historical debates and contested or controversial events. *91436 is optional. Qualifications: Credits towards NCEA and University Entrance Contact <i>Dave van der Velden</i>	91434	Research an historical event or place of significance to New Zealanders, using primary and secondary sources	L3/Int	5	UE r
	91435	Analyse an historical event, or place, of significance to New Zealanders	L3/Int	5	UE r
	91436	Analyse evidence relating to an historical event of significance to New Zealanders	L3/Ext	4	UE rw
	91437	Analyse different perspectives of a contested event of significance to New Zealanders	L3/Int	5	UE r
	91438	Analyse the causes and consequences of a significant historical event	L3/Ext	6	UE rw

MEDIA STUDIES

Level 3

Prerequisites: Preference given to students who have successfully completed Level 2 Media Studies or have high achievement in Humanities subjects

Level 3 credits	AS		Level	Credit	Num	Lit
Course Description This course involves the investigation of all aspects of the media through close viewing and reading of a range of media texts, studies of media industries and practical experience of media production (short documentary). Students will leave with knowledge and experience in some exciting industries. Qualifications: Credits towards NCEA and University Entrance Contact <i>Christina Naughton</i>	91491	Demonstrate understanding of the meaning of a media text through different readings	L3/Int	3		L1
	91493	Demonstrate understanding of a relationship between a media genre and society	L3/Ext	4		UE rw
	91492	Demonstrate understanding of the media representation of an aspect of New Zealand culture or society	L3/Int	3		L1
	91495	Produce a media product to meet the requirements of a brief	L3/Int	6		L1

TOURISM

Level 3

Level 3 credits	US		Level	Credit	Num	Lit
Course Description This course enables students to understand how tourism works and its significance for New Zealand, the Pacific Islands and the world. By examining the economic, environmental and socio-cultural aspects of tourism, students will gain an overall perspective of the industry. This may include: an introduction to career and study options available in tourism; guest speakers and field trips to Kaikoura and the Abel Tasman. Qualifications: Credits towards NCEA Cost: \$300 for optional field trips (approximately) Contact <i>Dave Purdie</i>	3727	Demonstrate knowledge of Pacific Island countries as visitor destinations	L3/Int	5		
	23755	Identify and self-evaluate the demands of a specific role in a tourism workplace	L3/Int	3		
	23766	Demonstrate knowledge of the tourism industry	L3/Int	5		
	24725	Describe and analyse the economic significance of tourism	L3/Int	4		
	24733	Describe and promote a New Zealand tourist destination	L3/Int	4		

TECHNOLOGY

BCONSTRUCTIVE FINE WOOD

Level 1

Level 1 credits	US		Level	Credit	Num	Lit
Course Description Bconstructive Fine Wood develops skills in design, construction and evaluation and allows students to be creative with wood and challenge their capabilities. Both the standard projects and student's variations build on motivation, decision-making and craftsmanship. *25919 and 2216 may be offered. Leads to Level 2 Industrial Skills Technology, Trade Building - One Option Qualifications: Credits towards NCEA Cost: \$85 for take home projects. Contact <i>Gordon McKenzie</i>	24352	Demonstrate knowledge of and apply safe working practices in the construction of a BCATS project	L1/Int	2		
	24355	Demonstrate knowledge of construction and manufacturing materials used in BCATS project	L1/Int	4		
	24356	Apply elementary workshop procedures and processes for BCATS projects	L1/Int	8		
	25920	Use joints for a BCATS project	L1/Int	3		

COMPUTER DIGITAL TECHNOLOGY

Level 1

Level 1 credits	AS		Level	Credit	Num	Lit
Course Description This course is for students who are interested in computational thinking and developing skills in data management and presentation and basic programming. Leads to Level 2 Computer Studies. Qualifications: Credits towards NCEA Cost: \$15 for Code Avengers subscription for a year (may be optional) Contacts <i>Helen Allan</i>	91878	Develop a design for a digital outcome	L1/Int	3		L1
	91880	Develop a digital media outcome	L1/Int	4		L1
	91883	Develop a computer program	L1/Int	4		
	91884	Use basic iterative processes to develop a digital outcome	L1/Int	6		L1
	91887	Demonstrate understanding of compression coding for a chosen media type	L1/Ext	3		L1

COMPUTER STUDIES

Level 1

Level 1 credits	US		Level	Credit	Num	Lit
Course Description This is a Unit Standard course for students who do not wish to enter the achievement standards course but prefer a more general coverage of various topics. Leads to Level 2 Computer Studies II Qualifications: Credits towards NCEA Contacts <i>Helen Allan</i>	2792	Produce simple desktop published documents using templates	L1/Int	2		
	5946	Use computer technology to create and deliver a presentation from given content	L1/Int	3		
	18734	Create a web page using a template	L1/Int	2		
	25659	Create a web page using a mark-up language with a text editor	L1/Int	2		
	18739	Create and use simple command sequences in a computer language	L1/Int	2		
	18743	Produce a spreadsheet from instructions using supplied data	L1/Int	2		

DESIGN TECHNOLOGY (multi materials)

Level 1

Prerequisites: A strong desire to utilise technological and theory knowledge as well as skills in a workshop environment, to create designs that display creativity and inventiveness

Level 1 credits	AS		Level	Credit	Num	Lit
Course Description This course is an introduction into designing and working with wood and metal. The first unit gives students an opportunity to design and make something in wood for a take home project. The second unit is metal based where the students get to make a metal toolbox or wall cabinet. Leads to Level 2 Design Technology, Industrial Engineering, Industrial Skills Technology Qualifications: Credits towards NCEA Cost: \$85 for take home projects Contact <i>Robin Ringwood</i>	91044	Undertake brief development to address a need or opportunity	L1/Int	4		L1
	91046	Use design ideas to produce a conceptual design for an outcome to address a brief	L1/Int	6		
	91057	Implement basic procedures using resistant materials to make a specified product	L1/Int	6		
	91049	Demonstrate understanding of how materials enable technological products to function	L1/Ext	4		L1

ELECTRONICS TECHNOLOGY

Level 1

Level 1 credits	AS	Level	Credit	Num	Lit
Course Description This is an Achievement Standard course that will develop a student's ability to design and construct electronic products. Students will undertake both practical and theoretical aspects of circuit development during this endorsed programme and PIC programming. *91044 and 91045 may be offered. Leads to Level 2 Electronics Technology Qualifications: Credits towards NCEA Cost \$70 for take home projects Contact <i>Julian Daly</i>	91078	Implement basic interfacing procedures in a specified electronic environment	L1/Int	3	
	91079	Implement basic techniques in constructing a specified electronic and embedded system	L1/Int	3	
	91047	Undertake development to make a prototype to address a brief	L1/Int	6	
	91050	Demonstrate understanding of the role of subsystems in technological systems	L1/Ext	4	L1

FOOD & HOSPITALITY

Level 1

Level 1 Credits	US	Level	Credit	Num	Lit
Course Description Students investigate basic cookery techniques and issues relating to food to enable them to plan, prepare and present food that is appropriate for a range of people and situations. Table service skills are introduced, which may combine with other skills to create a training restaurant. Leads to Level 2 Food and Hospitality. Qualifications: Credits towards NCEA Cost: \$160 take home food costs Contact <i>Quinton Gately</i>	21058	Identify career pathways in the hospitality industry	L1/Int	2	
	15900	Prepare and present meat in the hospitality industry	L1/Int	4	
	15901	Prepare and present fruit and vegetables in the hospitality industry	L1/Int	3	
	19769	Provide food service to the table in the hospitality industry	L1/Int	3	
	19770	Prepare and present egg and cheese dishes in the hospitality industry	L1/Int	3	
	21059	Demonstrate knowledge of knife care, use, storage, and carrying for the hospitality industry	L1/Int	2	
	15919	Prepare and present hot finger food in the hospitality industry	L1/Int	2	
	15920	Prepare and present sauce and soup in the hospitality industry	L1/Int	2	
	15921	Prepare and cook a cake, a sponge and a batch of scones in the hospitality industry	L1/Int	3	

GRAPHICS (DVC)

Level 1

Prerequisites: Year 10 Graphics

Level 1 credits	AS	Level	Credit	Num	Lit
Course Description This course enables students to have the freedom and choice to focus on the design and development of ideas and creativity in a range of areas. Students will utilise skills including graphic techniques and computer applications in Architectural/Spatial Design – The development and design of a product in the style of an influential designer of choice. A selection of standards will be offered. Leads to Level 2 Graphics Qualifications: Credits towards NCEA. Contact <i>Kieran Cleary</i>	91063	Produce freehand sketches to communicate design ideas	L1/Ext	3	
	91064	Produce instrumental, multi-view orthographic drawings that communicate technical features of design ideas	L1/Ext	3	L1
	91065	Produce instrumental paraline drawings to communicate design ideas	L1/Ext	3	L1
	91066	Use rendering techniques to communicate the form of design ideas	L1/Int	3	
	91067	Use the work of an influential designer to inform design ideas	L1/Int	3	
	91068	Undertake development of design ideas through graphics practice	L1/Int	6	

MECHANICAL ENGINEERING

Level 1

Level 1 & 2 credits	US	Level	Credit	Num	Lit
Course Description This is an introductory level broad based engineering course. Students will gain precision marking out skills, learn to fabricate a metal toolbox, and making a variety of hand tools while learning the basics on the lathe, milling machine, pedestal drill and bench skills. Leads to Level 2 Industrial or Automotive Engineering Qualifications: Credits towards NCEA Cost: \$75 for take home projects Contact <i>Julian Daly</i>	22923	Demonstrate basic engineering workshop skills under close supervision	L1/Int	12	
	2432	Manually construct plane geometric shapes for engineering	L2/Int	3	
	4433	Select, use, and care for simple measuring devices used in engineering	L1/Int	2	
	4436	Select, use, and care for engineering marking-out equipment	L2/Int	3	

AUTOMOTIVE ENGINEERING

Level 2

Level 2 credits	US	Level	Credit	Num	Lit
Course Description This course is aimed at students who want to gain a basic understanding of the principles and concepts involved in automotive engineering. The course will cover topics such as: safe work practices; knowledge of vehicle systems; cleaning automotive parts; knowledge of hand tools and workshop equipment used in the automotive industry; and disassembly and re-assembly of engines. Leads to Level 3 Automotive Engineering Qualifications: Credits towards NCEA Contact <i>Jeremy Classen</i>	16113	Demonstrate knowledge of safe work practices in an automotive workshop	L2/Int	2	
	229	Identify general locations and functions of motor vehicle systems and main components	L2/Int	4	
	21668	Demonstrate knowledge of cleaning automotive components	L2/Int	2	
	242	Change the fluid and bleed a brake hydraulic system	L2/Int	2	
	21859	Select and use hand tools and workshop equipment for an automotive application	L2/Int	2	
	21669	Demonstrate knowledge of hand tools and workshop equipment for motor industry applications	L2/Int	2	

COMPUTER DIGITAL TECHNOLOGY

Prerequisite: Students who have not previously studied Computer Studies may be admitted at the discretion of the HOD. A high level of literacy is required

Level 2

Level 2 credits	AS	Level	Credit	Num	Lit
Course Description This achievement standard course covers three strands of Digital Technology – digital information, digital media, computer science and programming. Leads to Level 3 Computer Digital Technology Qualifications: Credits towards NCEA Contacts <i>Helen Allan</i>	91891	Apply conventions to develop a design for a digital technologies outcome	L2/Int	3	L1
	91893	Use advanced techniques to develop a digital media outcome	L2/Int	4	
	91896	Use advanced programming techniques to develop a computer program	L2/Int	6	
	91897	Use advanced processes to develop a digital technologies outcome	L2/Int	6	
	91898	Demonstrate understanding of a computer science concept	L2/Ext	3	L1

COMPUTER STUDIES

Level 2

Level 2 credits	US	Level	Credit	Num	Lit
Course Description This unit standards course is for students who do not wish to enter the Computer Studies I course but prefer a more general coverage of various topics. *A selection of standards will be offered. Leads to Level 3 Computer Studies II Qualifications: Credits towards NCEA Contact <i>Helen Allan</i>	25656	Create a website using a mark-up language to meet a set brief	L2/Int	3	
	2788	Produce desktop published documents to meet a set brief	L2/Int	5	
	5940	Produce a presentation using a desktop presentation computer application	L2/Int	3	
	26744	Produce a media application for use on a communication device to meet a set brief	L2/Int	5	
	2784	Create and use a computer spreadsheet to solve a problem	L2/Int	3	
	18740	Create a simple computer program to meet a set brief	L2/Int	3	

DESIGN TECHNOLOGY

Prerequisites: Minimum 8 credits in both literacy and numeracy or 12 credits in technology. Experience in Design Technology necessary with a strong desire to be creative using technological knowledge and skills in the workshop environment

Level 2

Level 2 credits	AS	Level	Credit	Num	Lit
Course Description This course is project based and cover design and manufacturing in a material of your choice. You will be designing something to aid and assist with a sport or hobby for yourself, someone else or for a club etc. You will also have an opportunity to learn Computer Aided Design (Solid Works) plus model your design and make components using a 3D printer. Leads to Level 3 Design Technology Qualifications: Credits towards NCEA Cost: \$85 for take home projects Contact <i>Robin Ringwood</i>	91354	Undertake brief development to address an issue	L2/Int	4	L1
	91356	Develop a conceptual design for an outcome	L2/Int	6	
	91344	Implement advanced procedures using resistant materials to make a specified product with special features	L2/Int	6	
	91359	Demonstrate understanding of the role of material evaluation in product development	L2/Ext	4	L1

FOOD & HOSPITALITY

Level 2

Level 2 credits	US	Level	Credit	Num	Lit
Course Description The aim of this course is to prepare students with entry level skills for either work or study in the hospitality area. Students will gain an understanding of the hospitality industry and gain a wide range of food safety and practical cookery skills. Qualifications: Credits towards NCEA Cost: \$160 take home food costs Contact <i>Quinton Gately</i>	167	Practise food safety methods in a food business under supervision	L2/Int	4	
	20666	Demonstrate a basic knowledge of contamination hazards and control methods used in a food business	L2/Int	2	
	13285	Handle and maintain knives in a commercial kitchen	L2/Int	2	
	13271	Cook food items by frying	L2/Int	2	
	13272	Cook food items by baking	L2/Int	2	
	13273	Cook food items by boiling	L2/Int	2	
	13274	Cook food items by poaching	L2/Int	2	
	13275	Cook food items by steaming	L2/Int	2	
	13276	Cook food items by grilling	L2/Int	2	
13277	Cook food items by braising	L2/Int	2		

GRAPHICS (DVC)

Level 2

Prerequisites: Level 1 Graphics

Level 2 credits	AS	Level	Credit	Num	Lit
Course Description This course enables students to utilise a range of skills including graphic techniques and computer applications. They will challenge existing knowledge to review, refine and describe creative ideas in Architectural/Spatial Design – The development and design of a product related to ‘The Kitchen’. Leads to Level 3 Graphics. Qualifications: Credits towards NCEA Contact <i>Kieran Cleary</i>	91337	Use visual communication techniques to generate design ideas	L2/Ext	3	
	91339	Produce instrumental perspective projection drawings to communicate design ideas	L2/Ext	3	
	91340	Use the characteristics of a design movement or era to inform own design ideas	L2/Int	3	
	91341	Develop a spatial design through graphics practice	L2/Int	6	L1
	91342	Develop product design through graphics practice	L2/Int	6	

INDUSTRIAL ENGINEERING

Level 2

Prerequisites: Minimum 8 credits in both literacy and numeracy or 12 credits in a technology subject

Level 2 credits	US	Level	Credit	Num	Lit
Course Description This course is designed to enhance and build on the skills learnt in Level 1 Mechanical Engineering. Through fabrication, machining, aluminium casting and using Oxyacetylene, students will be producing a MAMOD style Traction Engine which runs off steam. Leads to Level 3 Industrial Engineering Qualifications: Credits towards NCEA and National Certificate in Mechanical Engineering. Cost: \$140 (approximately) for take home projects Contact <i>Robin Ringwood</i>	21906	Perform basic mechanical engineering machining operations under supervision	L2/Int	12	
	4435	Select, use, and care for engineering dimensional measuring equipment	L2/Int	3	
	2396	Select, use and maintain portable hand held engineering power tools	L2/Int	4	

INDUSTRIAL SKILLS TECHNOLOGY

Level 2 & 3

Pre-requisites: Students who have not yet reached 10 credits in level 1 Wood, Metal or Design Tech will need to interview with the TIC prior to approval.

Level 2 and 3 credits	US	Level	Credit	Num	Lit
Course Description Students will be instructed in the safe use of tools and machinery enabling them to design and construct a range of projects in a range of materials using industry practices. Standards will be selected from a range available including BCITO, B/Constructed and Competenz appropriate to the learning level and needs of individual students. Leads into The Manufacturing, Technology, Construction and Infrastructure Career pathways. Standards will be selected Cost: There is an individual project requirement. A base cost of \$50 is set for individual work, however if the design of projects requires extra costs additional charges will be issued. The course will also have a co-operative learning group option with groups of students working together on set projects. These projects will be sold to cover costs and available for purchase by students if they wish. Contact: <i>Paul Daubney & Gordon McKenzie</i>	2199	Use and maintain hand tools for furniture making	L2/Int	4	
	14995	Construct free-hand drawings for use in furniture making	L2/Int	2	
	18915	Use fixing hardware in furniture making	L2/Int	3	
	18917	Construct hand joints for furniture	L2/Int	3	
	18918	Construct a furniture carcass	L2/Int	6	
	9792	Operate a dovetailing machine to dovetail wooden drawers	L3/Int	3	
	14996	Construct working drawings for use in furniture making	L3/Int	5	
	14997	Construct perspective drawings for use in furniture making	L3/Int	4	
	14998	Construct isometric and oblique drawings for use in furniture making	L3/Int	3	
	25557	Assemble and fit traditional drawers to a cabinet using wooden runners	L3/Int	4	
	25559	Assemble solid wood show wood shelving units	L3/Int	4	
	25562	Fit doors to a cabinet using adjustable hinges	L3/Int	3	
	25572	Demonstrate knowledge of hardware used in furniture making and its application	L3/Int	3	

TRADE BUILDING

Levels 2

(Counts as two options) **Prerequisites:** An interview process will apply

Level 2 credits	US	Level	Credit	Num	Lit
Course Description This is a course designed for Year 12 students who seek involvement in the building and construction industry as a future career path. Building and construction unit standards that count towards NCEA will be delivered. Students will be exposed to a variety of processes and conditions typically encountered in the building trade. Industry visits are incorporated into the course. This is a double option subject (8 hours per week) and takes up two option lines. Qualifications: Credits towards NCEA Cost: \$50 for site visits and take home projects Safety gear and personal tools are provided. Students are expected to have their own boots which must be worn in all practical lessons and site visits. Computers are required. Contact <i>Paul Daubney</i>	24354	Demonstrate knowledge of and apply safe working practices in a BCATS workplace	L2/Int	4	
	24357	Receive instructions and communicate information in relation to BCATS projects	L2/Int	4	
	24358	Plan and monitor the construction of a BCATS project, and quality check the product	L2/Int	2	
	12927	Identify, select, maintain, and use hand tools for BCATS projects	L2/Int	6	
	24350	Identify, select, maintain, and use portable power tools for BCATS projects	L2/Int	6	
	12936	Construct a non-consent timber framed utility building as a BCATS project	L2/Int	8	
	22607	Elementary construction skills, read, interpret plans, working drawings and specifications	L2/Int	3	
	24361	Apply mathematical processes to BCATS projects	L2/Int	3	
	25319	Demonstrate knowledge of the carpentry industry within a BCATS environment	L2/Int	2	
	25330	Demonstrate knowledge of the joinery industry within a BCATS environment	L2/Int	2	

TRADE BUILDING

Levels 2 & 3

(counts as one option)

Level 2 credits	US	Level	Credit	Num	Lit
Course Description This course is designed for students who seek involvement in the building and construction industry as a future career pathway. Building and construction unit standards that count toward level 2 NCEA will be delivered. This is a single option subject (4 hrs per week) for students who are not undertaking the 8 hr Trade Building option. Qualifications: Credits towards NCEA Cost: \$50 for take home projects Contact <i>Paul Daubney</i>	24354	Demonstrate knowledge of and apply safe working practices in a BCATS workplace	L2/Int	4	
	25921	Make a cupboard as a BCATS project	L2/Int	6	
	22607	Read and interpret plans, working drawings and specifications for BCATS projects	L2/Int	3	
	12927	Identify, select, maintain, and use hand tools for BCATS projects	L2/Int	6	
	24350	Identify, select, maintain, and use portable power tools for BCATS projects	L2/Int	6	
	12932	Construct timber garden furniture and items of basic construction equipment as a BCATS project	L2/Int	8	

AUTOMOTIVE ENGINEERING

Level 3

Counts as Two Options (8 hours) per week

Level 3 credits	US	Level	Credit	Num	Lit
Course Description This is a course designed for Year 13 students who seek involvement in the Automotive and Engineering industry as a future career path. Automotive as well as Engineering standards will be delivered. Skills common to both industries such as safe use of machinery, hand tools and MIG welding will be included. Topics such as: knowledge of vehicle systems, setting up steering, brakes and gear ratios. The students will construct Grass Karts in small groups and be able to race them in the local interschool competition. Qualifications: Credits toward NCEA level 3 Cost: \$50 for site visits and end of year competition costs Contact: Jeremy Classen	20138	Demonstrate knowledge of MIG welding in the motor industry	L3/Int	2	
	22908	Demonstrate and apply knowledge of manually controlled machining operations	L3/Int	10	
	2678	Join steel using the oxyacetylene welding process	L3/Int	3	
	3856	Identify emergency procedures in the motor and related industries	L3/Int	2	
	21910	Interpret mechanical engineering drawings	L3/Int	5	
	4797	Demonstrate knowledge of the composition of common engineering metals	L3/Int	5	
	20799	Demonstrate knowledge of common engineering metals	L3/Int	4	

COMPUTER DIGITAL TECHNOLOGY

Level 3

Prerequisite: Previous study in Level 2 Computer Digital Technology is recommended or at the discretion of the HOD. A high level of literacy is required

Level 3 credits	AS	Level	Credit	Num	Lit	
Course Description This achievement standard course covers generic-technology, digital information, digital media, computer science and programming. *A selection of standards will be offered. Qualifications: Credits towards NCEA and University Entrance Contacts <i>Helen Allan</i>	91609	Undertake project management to support technological practice	L3/Int	4	L1	
	91633	Implement complex procedures to develop a relational database embedded in a specified digital outcome	L3/Int	6	L1 L1	
	91637	Develop a complex computer program for a specified task	L3/Int	6	L1	L1
	91636	Demonstrate understanding of areas of computer science	L3/Ext	4		UE rw

COMPUTER STUDIES

Level 3

Level 3 credits	US	Level	Credit	Num	Lit
Course Description This is a Unit Standards course for those not wanting to attempt the Computer Digital Technology course but who prefer a more general coverage of various topics. *A selection of standards will be offered. Qualifications: Credits towards NCEA. Contacts <i>Helen Allan</i>	2787	Create and use a database to provide a solution for organisation use	L3/Int	6	
	2789	Produce desktop published documents for organisation use	L3/Int	6	
	25657	Create a website for a stakeholder using a mark-up language	L3/Int	6	
	25658	Create a website for a stakeholder using a dedicated web-authoring tool	L3/Int	5	
	25661	Design and assemble an interactive media product without scripting	L3/Int	3	
	18741	Create a computer program to provide a solution	L3/Int	6	

DESIGN TECHNOLOGY

Level 3

Prerequisites: Experience in Design Technology necessary with a strong desire to be creative using technological knowledge and skills in the workshop environment
 Minimum 8 credits in numeracy and literacy or 12 in Technology

Level 3 credits	AS	Level	Credit	Num	Lit
Course Description This course is based on designing, modelling and presenting your ideas to a client of your choice or one supplied by the school. With the approval of your design, you will manufacture the design to meet client specifications. This is an academic course which leads on to university and a degree in design, engineering and manufacturing. Qualifications: Credits towards NCEA and University Entrance Cost: \$85 for take home projects Contact <i>Robin Ringwood</i>	91608	Undertake brief development to address an issue within a determined context	L3/Int	4	L1
	91610	Develop a conceptual design considering fitness for purpose in the broadest sense	L3/Int	6	L1
	91620	Implement complex procedures to integrate parts using resistant materials to make a specified product	L3/Int	6	
	91613	Demonstrate understanding of material development	L3/Ext	4	

FOOD & HOSPITALITY NCG

Level 3

Level 3 credits	US	Level	Credit	Num	Lit
Course Description The aim of this course is to develop and extend students' understanding of and interest in the Food and Hospitality industry. Students will have the opportunity to become familiar with the knowledge, skills and techniques required to produce a range of food and beverage consistent with industry standards. Qualifications: Credits towards NCEA Cost: \$150 to cover food costs Contact <i>Nicki Rattray</i>	168	Demonstrate knowledge of food contamination hazards, and control methods in a food business	L3/Int	4	
	13343	Demonstrated knowledge of basic nutrition in commercial catering	L3/Int	5	
	17284	Demonstrate knowledge of coffee origin and production	L3/Int	3	
	17285	Demonstrate knowledge of commercial espresso coffee equipment and prepare and present espresso beverages under supervision	L2/Int	4	
	17288	Prepare and present espresso beverages for service	L3/Int	5	

GRAPHICS (DVC)

Level 3

Prerequisites: Level 2 Graphics

Level 3 credits	AS	Level	Credit	Num	Lit
Course Description This course enables students to focus on the design areas that they can pursue at tertiary level. They will utilise a range of skills including graphic techniques and computer applications to analyse and reinterpret creative ideas and thinking in Architectural/ Spatial and Product Design related to 'The Great Taste Trail'. Qualifications: Credits towards NCEA and University Entrance. Contact <i>Kieran Cleary</i>	91627	Initiate design ideas through exploration	L3/Ext	4	
	91628	Develop a visual presentation that exhibits a design outcome to an audience	L3/Int	6	
	91629	Resolve a spatial design through graphics practice	L3/Int	6	
	91631	Produce working drawings to communicate production details for a complex design	L3/Ext	6	

INDUSTRIAL ENGINEERING

Level 3

Prerequisites: Year 11 or Year 12 Engineering or Design Technology

Level 3 credits	US/AS	Level	Credit	Num	Lit
Course Description This course will further enhance the student's ability to manufacture and assemble components to a high standard. There will be a variety projects to choose from ranging from a 5cc Diesel engine, Stirling engine, or a range of engineering equipment e.g. Height gauges, scribing blocks, optical centre punch, clamps or something which you want to make (approved by HOF) and appropriate for the Level 3 skills and standards on offer. Qualifications: Credits towards NCEA Cost: \$80 (approximately) for take home projects Contact <i>Robin Ringwood</i>	91620	Implement complex procedures to integrate parts using resistant materials to make a specified product	L3/Int	6	
	2436	Create three-dimensional engineering models under supervision (CAD)	L3/Int	5	
	20799	Demonstrate knowledge of common engineering metals	L3/Int	4	

TRADE BUILDING

Levels 3

(Counts as two options) **Prerequisites:** An interview process will apply

Level 3 and 4 credits

Course Description

This is a course designed for Year 13 students who seek involvement in the building and construction industry as a future career path. Building and construction unit standards that count towards NCEA will be delivered. Students will be exposed to a variety of processes and conditions typically encountered in the building trade. Industry visits are incorporated into the course. This is a double option subject (8 hours per week) and takes up two option lines. Safety gear and personal tools are provided. Students are expected to have their own boots which must be worn in all practical lessons and site visits. Digital assessment for written requirements will be undertaken therefore personal computers are required. Qualifications: Credits towards NCEA and National Certificate in Carpentry. Cost: \$50 for site visits and take home projects
Contact *Paul Daubney*

US

29677	Follow safe workplace practices, and contribute to a health and safety culture, in a BCATS environment
29678	Demonstrate knowledge of, select, and use materials for a Stage 3 BCATS project
29679	Develop and use BCATS project documentation for a Stage 3 BCATS project
29680	Communicate and work collaboratively in a Stage 3 BCATS project
29681	Measure and calculate for a Stage 3 BCATS project
29682	Select, use, and maintain tools, equipment and machinery for a Stage 3 BCATS project
29683	Incorporate other building, construction and allied trades into a Stage 3 BCATS project schedule
29684	Undertake a Stage 3 BCATS project

Level

Credit

Num

Lit

L3	2
L3	4
L3	8
L3	5
L3	3
L3	4
L3	2
L3	12

CAREER PASSPORT

Level 1

Level 1 credits	US	Level	Credit	Num	Lit
Course Description This course offers a chance for students to consider career options and gain practical experience associated with employment. The communication and life skill standards offer credits at Level 1. Individual pathways will be considered, and not all credits will be offered to all students. Qualifications: Credits towards NCEA Contact: Jennifer Arai	4249	Describe care and timeliness as an employee	L1/Int	3	
	496	Manage personal wellness	L1/Int	3	
	504	Produce a CV (curriculum vitae)	L1/Int	2	
	1293	Be interviewed in an informal one-to-one, face-to-face interview	L1/Int	2	
	10780	Complete a work experience placement (optional)	L1/Int	2	
	497	Demonstrate knowledge of workplace health and safety requirements	L1/Int	3	
	4248	Describe requirements and expectations faced by employees within the workplace	L1/Int	3	
	3503	Communicate in a team or group to complete a routine task	L1/Int	2	
	1978	Identify and describe basic employment rights and responsibilities, and sources of information and assistance	L1/Int	3	
	543	Work in a new workplace	L1/Int	3	

CAREER PASSPORT

Level 2

Level 2 credits	US	Level	Credit	Num	Lit
Course Description This course offers students a chance to consider career options and gain practical experience with potential employment. Students will be able to gain Level 2 credits and will develop practical skills such as resume writing, interviewing, career planning, job hunting, and problem solving. Qualifications: Credits towards NCEA Contact: Jennifer Arai	7177	Produce a plan to enhance own learning	L2/Int	2	
	12383	Explore career options and their implications	L2/Int	3	
	12355	Describe stress and ways of dealing with it	L2/Int	2	
	7123	Demonstrate knowledge of problem solving and apply a problem solving technique to a problem	L2/Int	2	
	1299	Be assertive in a range of specified situations	L2/Int	4	
	4252	Produce a targeted resume	L2/Int	2	
	1294	Be interviewed in a formal interview	L2/Int	2	
	4261	Identify legal rights and obligations in relation to registering and operating a private motor vehicle	L2/Int	3	

CAREER PASSPORT

Level 3

Level 2 & 3 credits	US	Level	Credit	Num	Lit
Course Description This course offers students a chance to plan their career pathway and gain practical experience that will be of benefit to their working lives. Level 3 credits can be gained in such areas as research, planning and brief report writing, communication in terms of interview skills and communicating with other cultures, financial goal setting and planning, and dealing with employment relations issues. Qualifications: Credits towards NCEA Contact: Jennifer Arai	12360	Describe and explain emerging patterns of work	L3/Int	3	
	4251	Plan a career pathway	L3/Int	2	
	1296	Interview in an informal situation	L3/Int	3	
	4252	Produce a personal targeted CV (curriculum vitae)	L2/Int	2	
	9681	Contribute within a team or group which has an objective	L3/Int	3	
	1980	Describe, from an employee perspective, ways of dealing with employment relationship problems	L3/Int	2	
	1304	Communicate with people from other cultures	L3/Int	2	
	1307	Speak to a known audience in a predictable situation	L3/Int	3	
	1279	Write in plain English	L3/Int	3	
	28100	Develop a plan to achieve a long-term personal financial goal(s)	L3/Int	4	

GATEWAY

Level 3

Level 2 & 3 credits	US	Level	Credit	Num	Lit
Course Description	4251	Plan a career pathway	L3/Int	2	
Gateway is offered to Year 13 students, and gives the opportunity to blend school study with workplace learning and experience.	4252	Produce a personal targeted CV (curriculum vitae)	L2/Int	3	
The Programme delivers a "hands on" approach to learning that leads to nationally recognised industry qualifications. Students need to demonstrate a level of responsibility and have a "work ready" attitude.	1296	Interview in an informal situation	L3/Int	3	
Qualifications: Credits towards NCEA	17593	Apply safe work practices in the workplace	L2/Int	4	
Contact: Leigh Gray (Gateway)	19522	Undertake job safety analysis	L3/Int	3	
	30911	Demonstrate knowledge of a specified workplace	L3/Int	3	
	1980	Employment Contracts	L3/Int	2	
	30906	Plan and engage in an activity intended to benefit the community	L3/Int	3	
	12360	Describe and explain emerging patterns of work	L3/Int	3	
	9681	Contribute within a team or group which has an objective	L3/Int	3	

Careers

Career Education at Nelson College

Nelson College has a school wide, integrated, culturally responsive careers programme that enables students to achieve their potential and be a positive contributor to the community and nation as a whole. This programme supports students to self-manage their learning to enable them to successfully transition from school into further study or work.

The Career Education Plan focuses on the development of career management competencies which will enable students to build their:

- self-awareness skills, in particular their strengths and interests
- knowledge about a range of careers and pathways and identify possibilities and opportunities
- understanding of consequences of choices and decisions
- ability to make plans and to take action.

The Careers Team at Nelson College

Services

The Careers team at Nelson College provides a range of services, opportunities and experiences that encourage students to make informed choices about their future career pathways:

- Career education programmes for each year level
- Individual or group careers counselling (parents are welcome to attend)
- Gateway Programme for senior students
- Secondary Tertiary Alignment Resource (STAR)
- Trades Academy programmes
- interviews skills, CV writing, preparation for applications to University or Polytechnics
- subject selection advice
- annual Careers Roadshow
- provision of specialist speakers from industry or tertiary institutes to provide up-to-date information to students
- tertiary scholarship advice
- work exploration/shadowing
- specialist programmes for Maori and Pasifika from outside providers
- StudyLink and IRD information sessions

The Careers team work with teachers, Deans and guidance staff.



Top of the South Trades Academy (TOTSTA)

The Top of the South Trades Academy was set up to help secondary students succeed. The goal is to give students:

- more reason to stay at school
- a greater chance of career success
- an easy transition into work or tertiary education straight from school

The Academy is a partnership between secondary schools such as Nelson College across the Top of the South, the Nelson Marlborough Institute of Technology (NMIT), and Whenua iti Outdoors. Areas of study are:

- Hairdressing
- Civil Infrastructure
- Aviation Engineering
- Aquaculture and Maritime
- Primary Industries
- Sport and Exercise
- Adventure Tourism
- Level 3 Hospitality
- Manaaki Tapoi
- Tourism Operations
- Health & Support Services
- Uniform Services

Automotive, Trade Building and Industrial Engineering are taught at Nelson College as part of the general curriculum.

Students accepted in to the Trades Academy complete NCEA at school, while at the same time working towards a National Certificate in a trade. Training is one day a week commitment at campuses in Richmond, Nelson, Whenua iti Outdoors or at select schools.

Applications are open to year 12 and 13 students who have at least NCEA Level 1, are focussed, committed to learning and keen to work towards a career in the trades.

Speak to Mrs Gray, the Trades Academy Coordinator for Nelson College. More information is available on the TOTSTA website.

The wider curriculum

Apart from the subjects and courses listed for each year level in the Course Overview Chart, other programmes are offered as part of the total curriculum of the school and these are described below. Some are integrated into the year's programme and all students take them. Others are on an optional basis (eg sports, musical productions).

Enrichment Curriculum

In Years 9 and 10 students may be placed in an enrichment class or learning support class. The majority of students will be in mainstream classes. Open-ended learning tasks enable every student to perform to his ability.

Gifted and Talented and Highly Motivated Students

Throughout the year a variety of opportunities targeting the needs of Gifted and Talented and Highly Motivated students will be offered. This will occur both as part of class programmes and as activities outside of regular class time and not limited to the Enrichment classes or students.

Leadership training

Senior students have many opportunities to develop leadership qualities and skills in a practical school setting. All Year 13 students receive **leadership training** and can opt to further their commitment as College Leaders by involvement in student leader committees and community service functions and by contributing to their Houses.

All senior leaders are encouraged to become **mentors for juniors**.

Those senior students wishing to be involved are paired up one-to-one with a younger student for an hour each week. A mentor library has been set up from which the pair can access materials and resources to use in their time together. Goals are set and support is given to achieve these. The mentees benefit from the 1:1 contact in an academic, social and emotional sense. The mentors themselves also gain, as they learn to deal with human relations, frustration, self-esteem and behavioural issues, as young leaders.

Music Tuition and Performances

All students are encouraged to participate in the music life of the college. We have a string group, choir, jazz band, jazz combo, chamber music groups, brass ensemble, rock bands and saxophone quartet which students can participate. Individual students are invited to perform at the two concerts during the year and at other music events such as the Nelson Arts Festival, concerts at other venues and during assembly to the college.

Outdoor Education - The Matakī Experience

All Year 10 students attend a week long camp at Matakī Lodge. This camp provides an introductory outdoor experience in this spectacular mountainous area (essentially Nelson Lakes National Park). Senior outdoor education options and field work in selected subjects in the senior school will provide students with the opportunity to build on these experiences.

Overseas Trips

A number of subject areas and sports codes offer students the opportunity of broadening their education by travelling overseas. Recent and upcoming examples of such expeditions are:

- Japanese language students to Japan
- FPS to USA
- Peru
- GaTMo trip to Wellington
- Eastern Europe in 2020

Students are expected to participate actively in fundraising and essentially raise their own travel funds but the effort is well worth it for the fun and unique experiences gained.

School Productions

SStudents have the opportunity to engage in a wide range of theatre, drama and dance events including but not exclusive to: Sheilah Winn Shakespeare Festival, Laugh Nelson, Showquest, Theatresports Competition and Vast Dance. Senior Drama classes also produce full class productions every year.

Regular large-scale musical and dramatic productions with Nelson College for Girls have included, Chicago, Grease, Fame, Romeo & Juliet, MacBeth and Witches of Eastwick, with students involved on stage and behind the scenes.

Sport

A wide range of sports is offered by the school. The first point of contact for any general enquiries about sport in the school is the Sports Co-ordinator Alethea Stove. Teams usually participate in locally run competitions with other secondary schools and through sports exchanges. There is usually a fee to cover cost of venue hire, uniforms, affiliations and transport to venues.

The school holds annual athletics, cross-country and swimming sports events where inter-house competition features prominently. Many sports codes participate in junior and senior inter-house competition.

Nelson College has a proud record of achievement at national secondary school level in a number of codes. These "first" teams demand an extra commitment from their members in terms of time, money and effort but the benefits are substantial.

At present the following sports and recreational activities are offered as school and/or house activities:

Archery	Hockey	Snowboarding
Athletics	Indoor Cricket	Softball
Badminton	Inline Hockey	Squash
Basketball	Karate	Swimming
Beach Volleyball	Ki-o-Rahi	Table Tennis
Boxing	Lawn Bowls	Tennis
Cricket	Mountain Biking	Touch
Croquet	Multi Sport	Triathlon
Cross Country	Rowing	Ultimate Frisbee
Cycling	Rugby	Underwater Hockey
Football	Sailing	Volleyball
Futsal	Shooting	
Golf	Skiing	

Cultural and 'Club' Groups

Brass Ensemble	Pacific Island Cultural Group
Chess	Piano Chamber Music Group
Choir	Rockquest
Debating	Speech
FPS National Competition	Saxophone Quartet
Inter-school Christian Fellowship	String Group
Jazz Band	Shakespeare Festival
Kapa Haka group	Theatre Sports
Ngā Manu Kōrero	Vast Dance Festival
	Showquest



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